

# NORTHERN GROWN SEEDS PLANTS BULBS AND FRUITS 1906



NEW  
DOUBLE  
CACTUS

DAHLIA

FROM SEED  
(SEE PAGE 46)

L.L.MAY & CO. ST. PAUL, MINN.

# TWO GRAND ROSES



## "Killarney" THE NEW HARDY EVER-BLOOMING IRISH ROSE

Sparkling, Brilliant Pink

A very beautiful Hybrid Tea Rose. The color is an exquisite shade of deep, shell pink. It is free in growth, throwing up numerous strong, heavy shoots, which are crowned with long, heavy buds.

Price, 20 cents each, postpaid.

## NEW ROSE, Baby Rambler

THE EVER-BLOOMING  
DWARF CRIMSON RAMBLER

**Blooms all the time.** The best red pot or bedding rose in the world. Same color as the Climbing Crimson Rambler, with clusters of from 20 to 40 open flowers at one time. It blooms every day from May until November, if planted out; and in pots all the year round. There is no rose that equals it in freedom of bloom, and perpetual blooming qualities. Has created a wonderful sensation, and no garden, no matter how small or large, should be without it. Is perfectly hardy.

Strong plants, 25 cents each, postpaid.  
Two-year-old field grown roots, \$1.00 each, postpaid.

## Star of France

A MAGNIFICENT HARDY

## CRIMSON EVER-BLOOMING ROSE

As an outdoor variety it is one of the most valuable. Splendid large, bold flowers of strong, vigorous growth, and a constant bloomer. Unsurpassed for cutting. PRICE, 20 CENTS EACH, POSTPAID.

### SPECIAL OFFER: FOR 35 CENTS

we will send one strong plant each of Killarney and Star of France.

FOR 50 CENTS, we will send one of each variety here illustrated.





separate sheet.

TREES, PLANTS, ETC.,

PRICE

separate sheet.

SEEDS, IMPLEMENTS, ETC.

Quantity

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ferent offices as possible.

P. O. and State.

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“THESE ARE THE”

P. O. and State.

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P. O. and State.

SEEDS, IMPLEMENTS, ETC.

PRICE

# MAY'S NORTHERN GROWN SEEDS

FOR ALL CLIMATES



They are **EARLIER**, more hardy, more **VIGOROUS**, and more productive than those grown in **LOWER LATITUDES**.

## IT IS WISDOM

For the small grower, as well as the large grower, to plant Northern Grown Seeds, Plants, Bulbs and Fruits. For unquestionably they are **THE BEST**. We grow, list and describe only

the best known and standard varieties, including valuable novelties of our own, and of recent introduction of **REAL MERIT**, all thoroughly tested, cultivated, selected and improved, on our own farms, until they have reached the highest mark of perfection; and last, but not least, they are **GENUINE NORTHERN GROWN**, and you will make no mistake if you plant them.

L. L. MAY & CO.,  
St. Paul, Minn.

January 1st, 1906.

## GROWN IN THE GOLDEN GRAIN BELT OF THE WORLD

### How to Order and Send Money.

**Seeds by Mail.** At the prices quoted in our Catalogue we prepay postage on all seeds ordered by packet, ounce, quarter pound, pound, pint or quart.

**Seeds by Express or Freight.** On seeds in larger quantities, by bushel, peck, also plants, trees, fruits, etc., offered by express or freight, the purchaser pays the transportation charges. When possible, give full shipping instructions. In the absence of these particulars we will use our best judgment. No charges for boxes, bags, or cartage on seeds bought at prices herein.

Deduct 8 cts per pound from postage prices on seeds ordered sent by Express or Freight. 7c per pint, 15c per quart from postpaid prices on Beans and Peas. 5c per pint, 10c per quart from postpaid prices on Corn.

**How to Send Money.** Money can be sent safely either by P. O. order, bank draft, express order or registered letter. If your order amounts to \$1.00 or more, it is best to send by one of the above methods. If local checks are used they must be certified. We receive postage stamps the same as Cash, Canadian Included.

**C. O. D. Shipments.** OUR TERMS ARE STRICTLY CASH WITH THE ORDER. We must decline to ship goods C. O. D. unless the purchaser remits in advance sufficient money to pay transportation charges and cost of packing, etc., or at least one-third the amount of the order.

**Name, Address, Etc.** When ordering, give name and full address. Many orders reach us every season in which the name or postoffice address is lacking. It is, of course, impossible to fill these orders until they are identified.

**Market Gardeners and Florists** Who buy seeds to plant for profit, will save money by writing us for special prices on their requirements. While our catalogue prices are fixed as low as possible for strictly pure Northern Grown Stocks, we will be glad to quote a liberal discount—according to quantity purchased.

**Your Order,** no matter how large or small, will always receive our prompt and careful attention.

**Order Early.** We earnestly request all customers to place their orders early, as it will assist us greatly in getting everything out promptly.

**Use the Order Sheet.** In this book. If you wish to order a second time, write your order on a separate sheet of paper and do not mix it up in the body of a letter. This will assist us greatly in filling your order. Blank order sheets will be sent at any time upon request.

**Prepaid Stations.** Many small railroad stations are prepaid stations, and the railroads will not accept freight for such points unless charges are fully prepaid. It will save delay if you ascertain if your station is a prepaid one before sending your order and include enough money to cover freight charges if it is.

**In Ordering Goods** forward by freight or express be sure to write plainly your express or freight office, county and state in full, giving the express or railroad company you prefer to have them sent by. This saves time and delay here and disappointment at your end of the line.

**If Shipments Do Not Arrive** promptly after being notified by us, please advise, and we will have them traced at once.

### OUR SEED DEPARTMENT.

**We Are Seed Growers.** By this we mean that we do not buy our seeds on the open market, as do many firms, but grow them ourselves.

While we guarantee all seeds which we ship out to be of strictly fresh growth and to have shown with us a high germinative test, still crops are contingent upon so many conditions of soil and weather, time and manner of planting, cultivation, etc., over which we have no control, that we cannot be responsible for the product, and give no warranty, express, or implied as to the description, quality, quantity or productiveness of any seeds, plants or bulbs, which we send out. Every order received for goods enumerated in this catalogue will be executed and sent out only on these conditions.

### OUR PLANT DEPARTMENT.

**At Our Green Houses** on Como Ave., in this city, the most extensive in the Northwest, we grow all of our tender plants, young roses, etc.

### OUR NURSERY DEPARTMENT.

**Our Nursery,** the most Northern in America, is governed by the same principles that has developed and built up our immense seed business, viz.: strict integrity in discarding worthless varieties and rigid tests in scrutinizing new ones. Nothing but well known, tested varieties are offered, and only the best stock shipped out.

A certificate of inspection from the State Inspector of Nurseries, showing our stock to be free from San Jose Scale and all other injurious insects and diseases will accompany each shipment.



## Seeds Mailed Postpaid.

In considering our prices, both of new and standard Garden Seeds, please bear in mind that WE PAY THE POSTAGE, by the packet, ounce, one-quarter pound, pint and quart.

Seed in larger quantities sent by express or freight always means purchaser pays the transportation charges.

## DISCOUNTS FOR SEEDS IN PACKETS.

The purchaser may select 30 CENTS WORTH EXTRA for Each ONE DOLLAR sent us: Thus, any one sending us \$1.00 can select seeds in packets, amounting to \$1.30; for \$2.00, seeds in packets to the value of \$2.60, and so on. We guarantee safe delivery of all seeds.

### ARTICHOKE.

German—Artichoke. Swedish—Artskocka.

The Globe Artichoke is cultivated for its flower-heads, which are cooked like asparagus. Plants set in any good soil, with slight covering in winter, will remain in bearing several years.

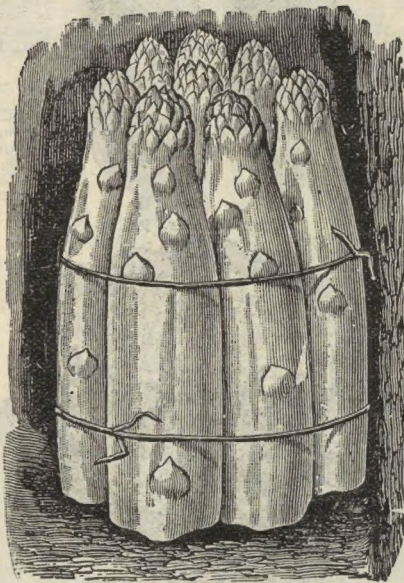
**Green Globe.** The standard variety. Pkt. 10cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00.

### ARTICHOKE ROOTS.

**Giant White.** (See Cut.) The greatest hog food known, attracting much attention on account of their great fattening properties, over one thousand bushels having been grown on one acre. They need not be dug in the fall; the hogs should be turned on them, and will help themselves by rooting for them. They are also said to be a preventive of hog cholera and other diseases; highly recommended for milk cows, increasing the yield of milk. Three to five bushels will plant an acre. They may be planted same as potatoes. Plant in April or May, in rows 3 feet apart, and 2 feet apart in the row, and cover about 2 inches deep. Lb. 30c., 4 lbs. \$1.00, by mail postpaid; pk. 50c., bu. \$1.50; bbl. of 3 bu. (enough for acre) \$3.50.

### How to Grow ASPARAGUS

For Profit or Pleasure,  
MAILED FREE, if asked  
for on Order.



Asparagus, Mammoth White.

### ASPARAGUS.

German—Spargel. Swedish—Sparris.

The Asparagus bed furnishes the first green delicacy for our table in the spring, is universally popular, and requires but little care for its successful cultivation.

**Barr's Mammoth.** The stalks are very large, frequently an inch in diameter, with few scales; the stalks retain their thickness completely up to the top of the shoots, and have close round heads. They are quick growing, tender and succulent, entirely free from woody fiber. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; per lb. 75 cts.

**Conover's Colossal.** The standard variety. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.

**Palmetto.** The plants are vigorous in growth, producing large thick dark-green shoots with a distinctly pointed tip. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 20 cts.

**Columbian Mammoth White.** (See Cut.) Furnishes white shoots which stay white as long as fit for use, without earthing up or any other artificial blanching, and can be absolutely depended upon to give 80 to 90 per cent of white plants from seed. Pkt 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.

Strong one-year old roots of any of the above varieties, 25 for 50 cts. by mail; \$1.00 per 100, \$5.00 per 1000 by express at your expense.

### BROCCOLI.

This is a plant bearing heads resembling those of the cauliflower, but more hardy, and gives excellent results in cool northern localities.

**Purple Cape.** Fine heads, nearly as large as those of the Cauliflower, close and solid of a purplish brown color. Pkt. 10 cts.; oz. 30 cts.

**White Cape.** Heads medium size, compact, of a creamy white color very sweet and tender. Pkt. 10 cts.; oz. 30 cts.

### BRUSSELS SPROUTS.

Brussels Sprouts are highly esteemed for boiling during the late fall and winter months. The "sprouts" resemble miniature cabbages growing closely on the stalk of the plant.

**May's Exhibition.** The many good qualities of this sort recommend it to market gardeners and others who wish a first-class vegetable, that is sure to produce a good crop, and is, at the same time, of highest quality. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.

**Dwarf Imp.** A standard variety producing compact heads of fine quality. Most delicious and delicate flavor. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 45 cts.; lb. \$1.50.

**Half Dwarf Paris Market.** A half dwarf sort, bearing handsome crops of round, hard sprouts of the finest quality. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 45 cts.; lb. \$1.50.

Extras are sent with each order. Many are the kind letters we have received from our customers, who were surprised and delighted with the present of some new and choice seeds, plants or fruits which were sent them, free of charge. For this season we have several promising Novelties in Annual Flowers and Choice Vegetables we will distribute in this manner.



Artichoke, Giant White.



Brussels Sprouts.

# SEEDS FREE



Stringless, Green Pod Bean.

**Stringless Green Pod.** (See Cut.) New and desirable, an extra early variety. Ready for market about two weeks earlier than the old variety. It is positively stringless, and remains tender and crisp longer after maturity than most varieties. The pods are of pale green, long and straight, perfectly round and meaty, maturing with the earliest of the green podded varieties. Not only is it a valuable market gardener's sort, but certainly an acquisition for the amateur. We consider this bean one that cannot be too highly recommended. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$1.75.

**Valentine Extra Early.** One of the most popular of the Extra Early Green Pod sorts. The pods are round and fleshy, of most excellent quality, remaining tender a long time after they are fit to pull. Extensively grown for the early market. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.25.

**Early Mohawk.** Quite hardy and very early. Large, flat, dark-green pods, five to six inches in length; the sides are quite thin, with only a small portion of tender flesh, which soon becomes rather tough, with strong strings. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.25.

**Early Yellow Six Weeks.** The pods are flat, six inches long; light green in color; very little flesh, which soon becomes tough and stringy. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.25.

**Dwarf Horticultural.** Pods are of medium length, slightly curved, and when nearly developed are freely splashed with bright red on the yellow skin. The green beans are of a good size, tender, and of fine flavor. Any surplus beans not needed for use during the summer make excellent soup or baking beans for winter. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.25.

**White Navy.** White, seeded, fine for baking. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c. (Write for prices on bushel lots.)

**Valentine Stringless.** (See Cut.) This should not be confounded with the "Stringless Green Pod." It is a distinct, new cross-bred variety, possessing all the merits of the old favorite Round Pod Valentine, which is one of its parents, and having the following additional merits: (1.) It is ready for market fully a week earlier. (2.) The pods average one-third larger being from five to six inches in length. (3.) They are absolutely always stringless, round, full and fleshy. (4.) It is more prolific, producing from twenty to thirty per cent more pods. (5.) Its quality is unsurpassed, being most deliciously flavored. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$1.75.



Valentine Stringless Bean.

## Bush Beans.

### Beans Are Scarce

Hence we quote pt. qt. and pk. prices only. For bu., bag and larger lots, Write for special prices.

**Best of All.** Popular everywhere. The vines are strong and vigorous, producing an abundance of handsome green pods quite early in the season. As the pods mature they are lighter in color and often splashed with red. When ready for use as green shelled, the beans are large, mottled with red, tender and of delicious flavor. Pkt., 5c.; Pt., 20c.; Qt., 35c.; Pk., \$1.25.

### Extra Early Refugee.

A very early, green podded kind, furnishing an oval, fleshy pod of fine quality ripening long before the late Refugee is ready. Pkt., 5c.; Pt. 20c.; Qt., 35c.; Pk., \$1.25.



Valentine Wax Bean.

### WE PAY POSTAGE

on beans by packet, pt. and qt. if ordered by express deduct 8c per pint, or 15c. per quart.

**Valentine Wax.** An improved Extra Early Valentine Bean, with round, wax pods. A striking acquisition has been obtained in the list of wax beans through the introduction of this variety. Up to now there has been no variety of such prominence among wax beans that could compare with that of the Valentine among green beans. We now have an excellent wax-podded variety possessing in a remarkable degree the excellent features of this sort. It is very early for a wax bean. A planting made on June 12th gave us a fair picking by July 28th—46 days. Its value as a shipper is all that can be expected, very tender and almost without string; in fact the pod is free from any toughness whatever, and remarkably solid throughout. It is handsome in appearance, and has proved to be almost rustless. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$2.00.

**Black Wax.** Pencil Pod. In this grand, new variety we have plants of true bush growth, fifteen inches high, with abundant large, heavy foliage, extremely productive; magnificent straight pods, five to seven inches long, light golden yellow in color, beautifully rounded, flesh brittle, solid, entirely stringless; fine mild flavor. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$2.25.

**Black Wax Imp. Prolific.** This bean originated from the old Black Wax, but it is much superior to its parent. It is much more productive and the pods are longer, straighter and rounder. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$2.00.

**Black Wax.** (Challenger Strain.) An extra early variety, round pods. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$2.00.

**Currie's Rust-Proof Golden Wax.** Early and very productive; pods straight, rather flat, five inches in length, and of a light golden yellow; of fine flavor; seed black. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$2.00.

**Wardwell's Kidney Wax.** Strong, upright bush growth, fifteen inches in height; very productive. Pods straight, flat, five inches in length and one-half inch broad. A rich golden yellow, brittle, and entirely stringless. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$2.50.

**Detroit Wax.** Like the Golden Wax, pods flat, thick. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$2.00.

**Golden Wax.** (Keeney's Rustless.) Golden pods, flat and stringless. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$2.00.

**Davis Kidney Wax.** (See page 2.)

## Jones' Stringless

**White Wax.** (See Cut.) This new white seeded variety is certainly one of the most desirable wax beans introduced for many years, and we cheerfully recommend it to our customers as a sort sure to please, and give entire satisfaction at all times and under all conditions. It is a yellow podded bush bean, white seed. The pods are round and plump, and attain a length of five to seven inches. They are thick and fleshy, and as handsome in the basket as could be desired. The pod is perfectly stringless, thus giving name to the variety. The beans are of fine table quality, either green or dry. Market gardeners will very much appreciate this bean. It makes a fine display in the market, holding its fresh appearance for a long time after being picked from the bush. Pkt., 5c.; pt., 25c.

JOHN G. NEWLAND, Henderson, Minn., writes:  
"I received the 22 bu. of corn today and I am well pleased with the same."



Jones' Stringless Wax Bean.

## DWARF OR BUSH LIMA BEANS.



Bean Bush Lima.

### POLE OR CLIMBING SORTS.

**Lima King of the Garden.** More extensively grown than any other Lima. It is a heavy yielder on all kinds of soil and of excellent flavor. The stock which we offer has been carefully selected, and we are positive that there is not a better strain on the market than our King of the Garden. The pods are of enormous size, often measuring eight to nine inches in length, and containing as many as eight to nine beans. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.75.

**Lima Challenger.** The pods are much thicker than those of the other Limas and contain from 4 to 5 beans, which are large, thick, white, and of the best quality. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.75.

**Lima May's Champion.** The pods are large, vines vigorous in growth and exceedingly productive. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$2.00.

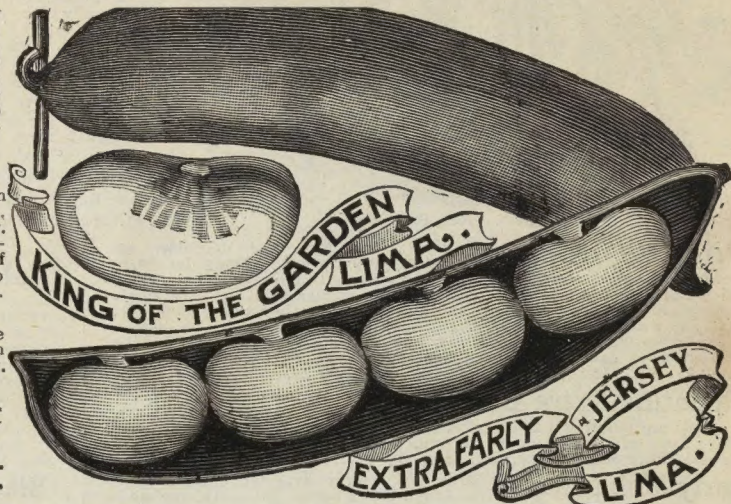
**Lima Large White.** Considered the most tender and delicious of the bean family. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$1.75.

**Burpee's Bush Lima.** (See Cut.) A dwarf form of the true large White Lima. The bushes grow from 18 to 20 inches high, upright, branching out and forming a compact, bushy plant, bearing large pods well filled with large, delicious beans, similar in size to the well known large pole limas. An enormous cropper. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.75.

**Willow Leaf Lima.** The plants are of compact rounded form, growing 12 to 15 inches tall, while the white blossoms stand out all over the plant above the foliage, and are succeeded by the bright green pods. These resemble the bush Lima in form but are larger and are well filled with tender, white, delicious beans, which mature two weeks in advance of Burpee's Bush Lima. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$1.75.

**Henderson's Lima.** Grows without the aid of poles, in compact bush form, about eighteen inches high, very early and productive. It is small in size, but of high table merit and in favor with housekeepers on this account. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.75.

BEANS are scarce this year. Write for special prices by the bushel.



**Kentucky Wonder Wax.** (See Cut.) An improved strain of the Kentucky Wonder having all its superb qualities, except that it is of a beautiful transparent yellow color. It commences to bear when plants are small and keeps on producing until killed by the frost. We have seen poles completely filled with a mass of vines densely loaded with a solid mass of pods from top to bottom. The pods are fleshy, solid, meaty and entirely stringless. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$2.00.

**Kentucky Wonder.** (Green Pod.) Very early and enormously productive, the long green pods hanging in clusters from top to bottom of pole entirely stringless. Pods of a silvery green color. The pods, though large, cook tender and melting. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$1.75.

**Golden Cluster.** (See Cut.) The Everlasting Pole Bean. A magnificent variety that bears continually the entire season. It grows rapidly, bearing very early clusters of three to six pods of rich golden color. Pods average about 8 in. in length, exceedingly tender and entirely stringless, retaining their plumpness and tenderness long after they have attained a large size, and continue to bear, if the pods are picked, until frost. It is a very common thing to pick  $\frac{1}{2}$  to  $\frac{3}{4}$  of a bushel from a single vine at one picking, and its enormous yield recommends it to every one. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$2.00.

**Golden Carmine.** The pods are fully as large as Horticultural pole, entirely stringless, of a bright golden color when young; as they develop the pods are mottled and streaked with an unusually bright carmine on the bright golden, giving them a most attractive appearance when ready for market. It is a very robust grower and is unsurpassed for productiveness. The pods are very brittle and tender, and of most excellent flavor when cooked. Pkt., 10c.; pt., 30c.; qt., 50c.

**Black Wax.** Pods large, yellow, produced in bunches. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$1.75.

**Creasback White.** Long, round, stringless pods; fleshy and tender. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.50.

**Cut Short or Corn Hill.** Used for planting among corn. Beans of a white shade, splashed with red. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$1.50.

**Horticultural or Wren's Egg.** Pods broad, pale green, streaked with red. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50.

**Lazy Wife.** Long green pods of good quality, exceedingly rich and buttery. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$1.50.

**Scarlet Runner.** Cultivated both for its beautiful scarlet blossoms and for table use. Pkt., 5c.; pt., 25c.; qt., 45c.; pk., \$1.75.

A. IRVINE INNES, Aitkin, Minn., writes:

"The Clover Grass Mixtures and Raspberry Plants ordered, received all right. Thanks."



Kentucky Wonder Wax.



Golden Cluster Wax Bean.

GOOD TABLE BEETS



Swedish—Robetar.

Spanish.—Betteraga.

**May's Early Blood Turnip.** (See Cut.) The standard of excellence. A carefully selected and improved strain of Blood Turnip. It is very early, nearly as early as Egyptian, and greatly surpasses that variety in flavor. The color is a rich, dark red, the shape globular. It is free from side or fibrous roots, being always smooth. Excellent for forcing, for a main, spring or summer crop, or for use in winter, as it is a fine keeper. Cooks sweet, tender and crisp, and is in every way a standard sort for market or the home garden. Pkt. 5c, oz. 10c, ¼ lb 15c, lb. 45c.

**Early Eclipse.** (See Cut.) Extra early; with round, smooth, blood red roots. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 55c.

**Early Dewings.** (See Cut.) Of fine form and flavor, color blood red, an excellent market sort. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 55c.

**Egyptian Extra Early.** (See Cut.) (Forcing.) Tops small, roots dark red, rounded on top, but flat beneath, hard, crisp and tender when young. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 55c.

**Erfurt Prize.** (See Cut.) A popular half long German sort, of excellent flavor. Pkt., 5c., oz., 10c. ¼ lb., 20c.; lb., 70c.

**Electric.** Extra early. Nearly round variety. Tap root small. The color is a very dark rich crim on, with rings of a lighter hue. It is extremely early, coming in with Extra Early Egyptian. The flesh is rich and sugary. Pkt., 5c.; oz., 10c. ¼ lb., 20c. lb 60c.

**Detroit Dark Blood.** A most excellent turnip rooted sort. It grows to a large size, is of most handsome appearance, and is very productive in all soils and locations and in all seasons. The tops are small, upright growing, so that the rows may be planted close together. Leaf stems and veins are dark red; blade green, roots globular, perfectly smooth, dark blood red. Flesh bright red, zoned with a darker shade, very crisp, tender and sweet, remaining so a long time. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

**Lentz Extra Early Turnip.** (See Cut.) Extra early, large round, light red; tops small; productive and of fine even shape. Pkt., 5c., oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Lightning.** (See Cut.) The earliest sort in cultivation; roots are of fine for turning shape, skin smooth, flesh deep blood red; Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

**Long Smooth Blood.** (See Cut.) Grows to good size; color dark blood red, top small, or upright growth. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.

**May's Market Gardener.** (See Cut.) An extra early sort, of uniform size and handsome shape; tender and sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

**Early Bassano.** Very early flat sort, tender, juicy; flesh white and rose colored, circled with pink; very sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 55c.

**Crosby's Egyptian.** An improved strain of the Early Egyptian. Much thicker, smoother, and of better color and quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Early Bastians.** Extra early, half long blood red sort; flesh very tender, and retains its blood red color when cooked. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 55c.

**Edmund's Early Turnip.** One of the most uniform of all turnip shaped beets; tops small, flesh dark red, very tender and sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 55c.

**Trucker's Favorite** (See back Cover.) An extra early variety, and one that has become a great favorite with the gardeners in all sections on account of its uniform size and handsome shape. Color, deep red throughout, fine grained, tender and sweet. Valuable for market gardeners or private use. Pkt., 5c.; oz., 10c.; ¼ lb., 20c. lb., 65c.

**Crimson Globe** This is an extremely handsome second-early or main-crop beet, with richly colored flesh of superb quality. The beets are of medium size, slightly oblong form, and entirely free from fibrous roots, having only a slender tap-root, as shown in the illustration. The beets average three inches in diameter; the skin is so smooth and the form so regular that when washed for the market they have the appearance of highly polished dark red balls. The flesh is a deep purplish crimson, slightly "zoned," and is remarkably sweet and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Swiss Chard, White.

Grown for its leaves and leaf stalk, Pkt., 5c.; oz., 10c., ¼ lb., 15c.; lb., 40c.

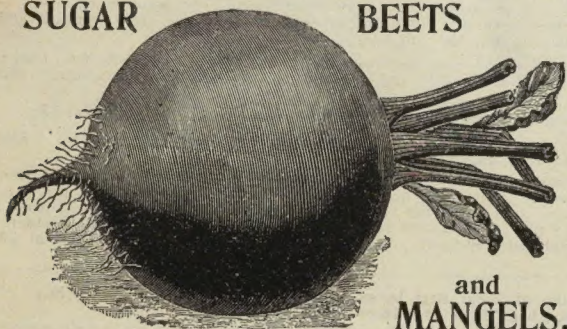
Swiss Chard, Yellow.

Similar to the above, except in color. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.

**NOTICE!** MARKET GARDENERS, LARGE TRUCKERS AND CLUBS, WHO BUY SEEDS IN LARGE QUANTITIES, WILL SAVE MONEY BY WRITING US FOR SPECIAL PRICES. NO TROUBLE TO GIVE ESTIMATES OR INFORMATION.

SUGAR

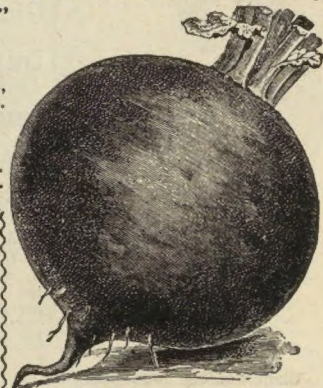
BEETS



Beet, Crimson Globe.

and MANGELS.

See next page.



Beet, Detroit Dark Blood.



## Mangel Wurzels, For Stock Feeding.

FARMERS AND STOCK BREEDERS, THIS IS A MONEY CROP because of the ease with which immense quantities can be raised and turned into cash by feeding it to your stock.

### May's Mammoth Long Red. (See Cut.)

This we consider the finest strain of the Long Red ever offered. It is truly a mammoth, a single root often weighing from thirty to fifty pounds. Enormously productive, yielding thirty to forty tons to the acre. They grow well above ground and are easily harvested. Our seed comes from a specialist in Europe and can be relied upon as superior to many of the so-called Mammoth sorts under assumed names. If you want a crop of fine Mangels that will be a great benefit to your stock, increasing the flow of milk and fattening them, you can find nothing that will beat our Mammoth. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Giant Golden.** (See Cut.) This is an entirely distinct type of Mangel and highly prized wherever introduced. In England it is largely grown by dairymen and sheep raisers; the former prize it not only for its yield, but for the rich character of the milk it produces, while the latter claim sheep fed on it thrive better and appear in much finer condition. Its wonderful yield recommends it to every stock grower. Flesh is a light yellow and fine grained. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c. By express or freight, 10 lb. lots 35c per lb.

**Champion Yellow Globe.** Large and productive; keeps well and is relished by stock, easily harvested. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Golden Tankard.** Flesh, a rich golden and of great milk producing qualities. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Red Globe.** A large, red, oval variety, keeps well and is especially adapted to low soils. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Yellow Intermediate.** Root ovoid, intermediate between the long and globe varieties; flesh solid, nearly white, zoned with yellow; hardy, vigorous and productive. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Note.** Any of the above varieties offered at 35c per pound, we can supply in 10 lb. lots for \$2.00; 50 lb. lots for \$9.00; 100 lb. lots for \$16.00.

## Sugar Beets, For Stock Feeding.

THE GREAT VALUE OF SUGAR BEETS FOR STOCK FEEDING cannot be over-estimated, analysis having demonstrated the fact that 400 pounds of Sugar Beets are equivalent to 100 pounds of the best hay. They are not as heavy yielders as Mangels, but contain a much larger percentage of saccharine matter. Sow 12 to 15 pounds to the acre.

**Giant Feeding Sugar.** This unites the large size of the Mangel with the greater feeding value of the sugar beet. The roots are always regular and uniform, broad at the top with a full and slightly tapering shoulder. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Improved Kleinwanzlebener.** This is a large growing variety that is highly recommended in the Sugar Beet sections. About 15 per cent of sugar can be obtained from this sort with ordinary field culture. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

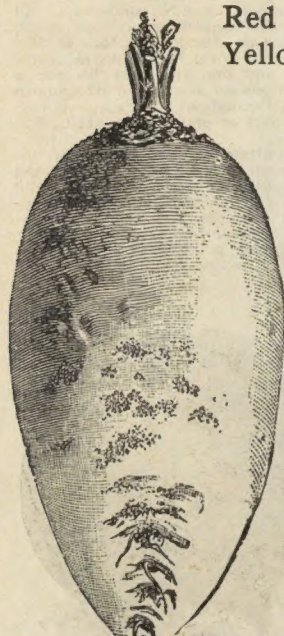
**Imperial Sugar.** A long variety that is probably more largely grown than any other Sugar Beet for feeding to stock. It will yield as much as Mangels and contains a large per cent of sugar. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Vilmorin's Improved.** A heavy yielder on all kinds of soil. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**White French Sugar.** One that is grown in many parts of France in preference to any other variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Victrix Sugar.** The heaviest yielding, richest Sugar Beet in Cultivation. Produces from 25 to 40 per cent more sugar per ton than any other variety. The roots are very uniform and symmetrical, of light color, to 20 per cent of sugar, surpassing all other sorts 6 to 8 per cent. Every Sugar beet factory should investigate its merits, for it is unquestionably the Best Strain of Seed ever introduced. Pkt., 5c.; oz., 10c.; lb., 35c., postpaid. 10 lb. lots at 25c per lb. at purchaser's expense. 100 lbs., \$17.50.

**Note.** We can supply any of the above varieties of Sugar Beet by express or freight, 5 lb. lots 20c per lb.; 10 lb. at 18c.; 100 lbs., at 15c., bags included. In ordering, state variety wanted.



Giant Feeding Sugar Beet.



Cauliflower, Extra Early Danish.

## CAULIFLOWER.

German—Blumen-Kohl.

Swedish—Blomkal.

**Extra Early Danish.** The Earliest Sure Heading Cauliflower ever offered. As may be seen by the name it is a European variety and we have procured our seed direct from one of the largest and most reliable growers in that part of the world where Cauliflower reaches the highest state of perfection. It is of dwarf, compact habit and valuable for either forcing or open ground, the heads are of good size and a beautifully snowy white. Pkt., 20c.; ½ oz., \$1.75; oz., \$3.00.

**Snow Storm.** A perfected variety for forcing or open ground culture. It is of dwarf, erect habit with stout outer leaves, enabling it to be planted as close as 2 feet apart each way. It forms large, crisp heads of snowy whiteness in a very short time after planting. Pkt., 25c.; ½ oz., \$2.00; oz., \$3.50.

**Early Snowball** (Selected Stock.) More extensively grown than any other sort, both for forcing or wintering over for early crop. Also for late summer and fall crop. The plants are compact, heads solid, round, pure white. Many of the leading market gardeners in this section claim it is by far the best variety for marketing owing to the fact that it may be planted very close together and thus save a large amount of ground space. We offer a carefully selected strain of this variety. Pkt., 15c.; ½ oz., \$1.00; oz., \$1.75.

**Extra Early Erfurt Selected.** Plants very dwarf, with solid pure white heads of superior quality. Planted in rich soil early in the spring heads eight to ten inches in diameter can be marketed in June. Pkt., 15c.; ½ oz., 75c.; oz., \$1.25.

**Algiers.** One of the best varieties. Largely grown for fall use, producing large, fine heads. Popular with market gardeners. Pkt., 10c.; ½ oz., 40c.; oz., 75c.

**Autumn Giant.** A distinct and valuable late variety. The heads are very large, white, firm and compact, and being well protected by foliage, remain a long time fit for use. Pkt., 5c.; ½ oz., 20c.; oz., 35c.

**Dryweather Cauliflower.** (See Page 3.)

## BEST GARDEN CARROTS.

German—Mochren.

Swedish—Morotter.

**Guerande or Oxheart.** A desirable variety on soil too hard and stiff for the longer growing sorts. The tops are very small for the size of the roots which are comparatively short but often attain a diameter of six inches. Flesh bright orange, solid fine grained and of sweet flavor. Can be very easily pulled. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

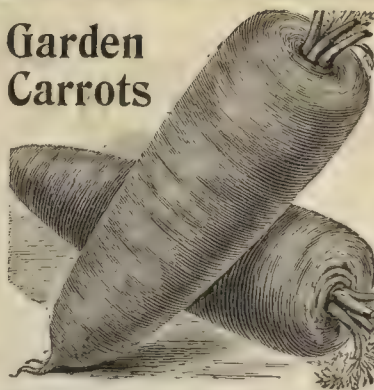


Chantenay Carrots.

**Chantenay.** (See Cut.) For table use this is considered particularly desirable. The carrots have attained such a uniformity that they are almost duplicates of each other. The tops are of medium size, neck small, roots tapering slightly but uniformly, stump rooted. The color is orange red, the flesh very crisp, tender and sweet. Our customers cannot make a mistake by giving this variety a trial. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**James Intermediate.** The roots grow very regular in form, smooth, solid and usually average about 10 inches in length. Considered very valuable by many large growers on account of its great yield and the fine quality of the flesh, which is crisp and fine flavored. It grows as quickly as the earlier varieties. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

## Garden Carrots



**Table Queen.** (See Cut.) Undoubtedly the finest carrot for general use that has ever been introduced. As will be seen by our illustration it is rather long, coming abruptly to a point and has almost no side shoots. In color it is a rich shade of orange and the flesh is solid, yellow and with no core. For home use we cannot too highly recommend it to our patrons, and we know that for amateurs it is unequalled by any other variety. We introduced it several years ago and hundreds of our patrons prefer Table Queen to any other carrot. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00.

**French Forcing.** Extensively grown for forcing purposes. It forms a small, almost globe shaped root; color orange, flesh fine grained and of splendid quality. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**Early Scarlet Horn Forcing.** Extra early; tops small; deep orange color. Ready for market in 40 days. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Half Long Danvers.** Improved stock; one of the most productive for field culture. Largely grown in all sections on account of its enormous yield. flesh deep orange. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Long Orange.** The most popular of the older sorts, for market or home garden. The roots are long, thickest near the crown, tapering regularly to the point. Color, deep orange; yields heavily. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

## CARROTS,—For Stock Feeding.

Every farmer should plant a few acres of carrots. They are very productive, less liable to disease than many of our root crops, and being sown earlier do not interfere so much with the labor in the busy time, neither is it necessary to store them till late in the year. They do not, like the potato, require boiling before feeding out. Try a small patch of carrots, farmers, and see if they don't pay. Most farmers feed too much grain through the winter. Take away half the grain and feed chopped carrots in its place and the horse will keep just as well and be better prepared for spring work.

**Mastodon.** A vast improvement on the White and Yellow Belgian sort. It is not only much more productive but vastly easier to handle. The flesh is white, crisp, solid and very sweet in flavor. The roots are short and very heavy at the shoulder, and frequently measure 15 to 20 inches, yielding from 20 to 25 tons to the acre. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c. By express or freight in 5 lb. lots or over, 45c per lb.

**Belgian Large White** Root large, white; grows one-third above ground. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c. By express or freight, 5 lbs. or over, 35c per lb.

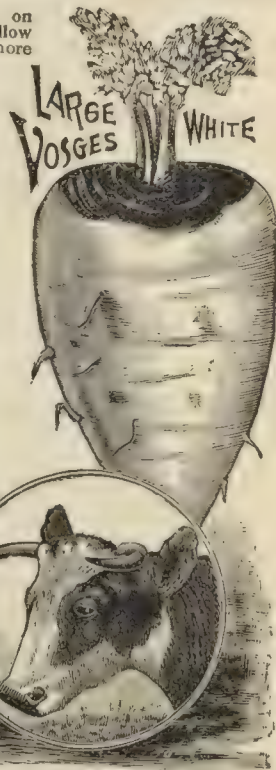
**Belgian Yellow.** Differing from the above only in color. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.; By express or freight, 5 lbs. or over, 35c per lb.

**Victoria.** The roots are remarkably firm, of light orange color. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c. By express or freight in 5 lb. lots or over 45c per lb.

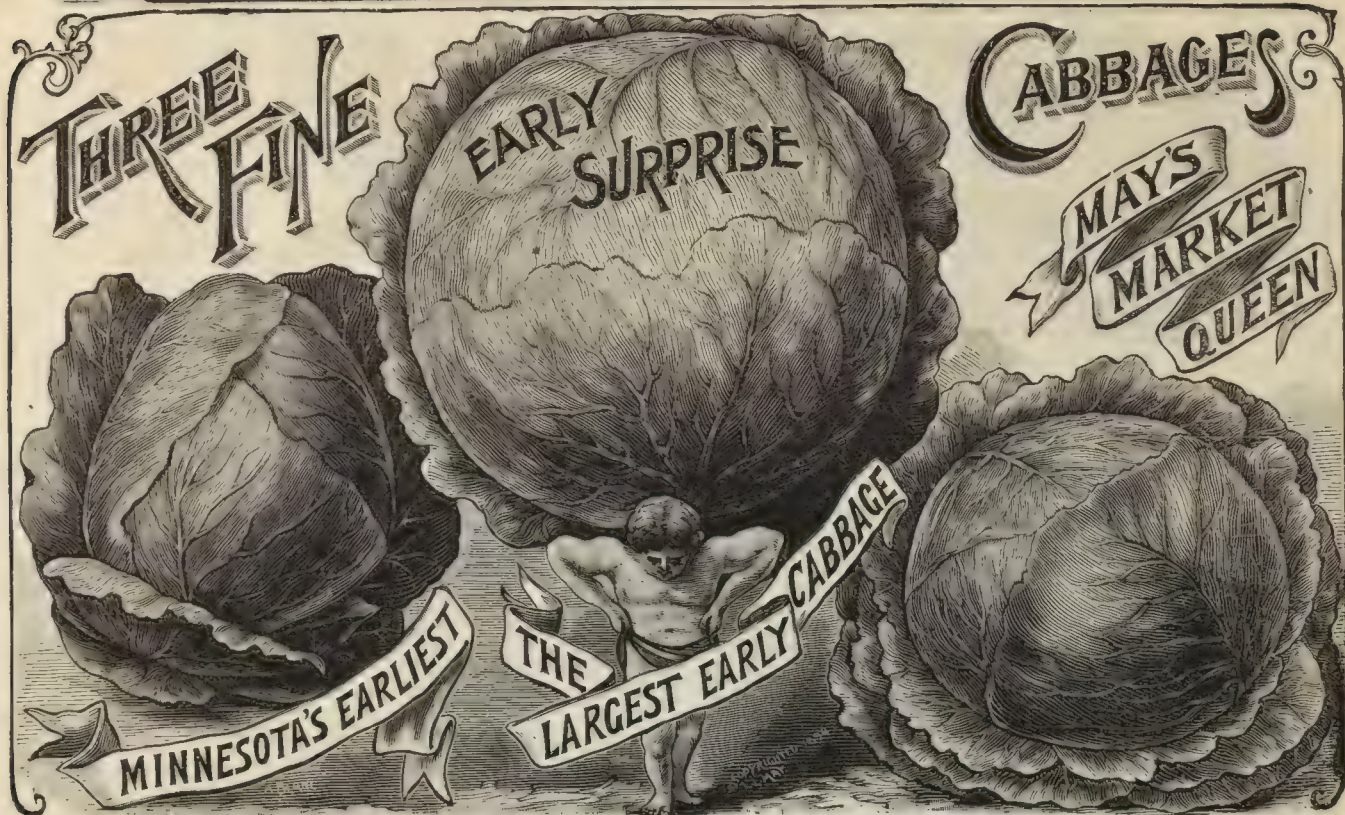
**Vosges Large White.**

Adapted for shallow soils. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. By express or freight, 5 lbs. or over, 35c per lb.

**Yellow Giant.** Will produce 50 per cent more weight per acre than the common sorts. It grows from 20 to 25 inches in length. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c. By express or freight, 5 lbs. or over, 55c per lb.



Stock Carrot.



German—Kopf-Kohl.

Swedish—Kal.

**Northern Grown Pure Cabbage Seed.** We take special pleasure in recommending our strains of Cabbage to our patrons. Exercising, as we do, the utmost care in the growth and selection of our seed stocks, we know that the Cabbage seed which we offer is unsurpassed in quality.

### FIRST EARLY CABBAGES.

**Minnesota Earliest.** (See Cut.) A conical shaped, hard headed, Extra Early Cabbage, that never fails to satisfy. We have tested all the Extra Early Cabbages offered the past few seasons and know that none can equal our Minnesota Earliest either for earliness, yield or quality. It will produce good sized marketable heads 70 days from time of sowing. Pkt. 10c. oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

**May's Early Surprise.** (See Cut.) The market gardener's favorite round variety for early use. Never fails to head up even under the most adverse circumstances. The early surprise is unquestionably the nearest approach to a thoroughbred cabbage of any variety yet introduced, both as regards size and uniformity of development. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Market Queen.** (See Cut.) The gardeners' favorite for medium early and late use. It is an early drumhead cabbage, yielding heads of an enormous size and of the very best quality. In sweetness, tenderness and richness of flavor it surpasses any other variety. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c., lb. \$2.50.

**Early Spring.** An extra early flat headed variety, coming in with the Wakefield, and yielding one-third more than most extra early sorts. Very finely grained and has the peculiarity of heading firmly at an early stage in its growth, so that though small, with its remarkable solidity, it can be cut long before maturity. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**25c.** For one packet each of above three Cabbages.

MRS. R. E. BURBRIDGE, 2708 2nd AVENUE S., MINNEAPOLIS, MINN., WRITES:—The package of Drumhead Lettuce you sent me last spring produced the most wonderful and exquisite heads of Lettuce I ever beheld. One head measured 46 inches in circumference and furnished enough beautiful creamy crisp leaves for a family of six.

**Early Jersey Wakefield.** The heads are uniformly hard and solid. They are pyramidal in form, generally pointed at the end, with but few outside leaves. The outer leaves are unusually thick and heavy, and it is thereby enabled to stand more cold weather without injury when carried through the winter either in the open ground in the South or in cold-frames in the North. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Charleston Wakefield.** An improved strain of Wakefield heads larger, not so pointed, solid a few days later than Wakefield. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 55c., lb. \$1.75.

**Extra Early Express.** Wonderfully early conical-shaped heads. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.

**Extra Early Etampes.** Extremely early and of good quality. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.

**Early Large York.** Very early, heads small, not quite as large as Jersey Wakefield; very tender and sweet. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.

**Filder Kraut.** Somewhat like Winingstadt, but larger, much more pointed, highly esteemed for making kraut. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.

**Early Winingstadt.** A sure keeper better than most early varieties. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.40.

### Early Dwarf Flat Dutch.

Popular variety, fine for forcing. Pkt. 5c. oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

**All Head.** Heads flat, hard, well folded, deep through, most uniform of any sort. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Deep Head.** Heads large, almost round, very solid, hardy and withstands dry weather remarkably. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**May's Garden Glory.** Extra early large, solid white variety. Forms large, round, ball-shaped heads, which are ready for the market about the same time as Early Flat Dutch. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.



Early Jersey Wakefield Cabbage.

CABBAGE  
THREE MAIN CROP VARIETIES



Surehead.

Short Stem Drumhead.

Premium Late Flat Dutch

MEDIUM LATE FLAT SORTS.

**Hollander or Danish Ball Head.** (See cut)—The heads are of medium size, very solid and deep, averaging in weight nearly eight pounds, and of a fine, white color, making them entirely distinct from any other strain. Their quality is superior and they keep better than any other sort, the heads being just as solid and perfect when taken up in the spring as when they were put away in the fall. (Danish Grown Seed.) Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

**Surehead.** (Selected Stock.) The heads are large, round, very solid, tender and rich, with very few outer leaves, being nearly all a solid, compact head; but the most wonderful feature of the surehead Cabbage is its ability to withstand the drought. It has made fine, large, solid heads, while other sorts failed to make a single head on account of the extreme drought. Flavor sweet, keeps well and is a good shipper. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

**Short Stem Drumhead.** This sort has in a great many instances taken the place of all other sorts grown for late use. It forms large, hard, solid, flattened heads, uniform in shape and color, and of handsome appearance. It has a very short stem and is a compact grower. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

**All Seasons.** Heads round, large, solid; quality the best, withstands heat and dry weather remarkably. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

**Succession.** (True Stock.) A medium early round headed sort, heads very evenly and comes in a few days later than the Early Summer. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

**Fottler's Brunswick.** Large, flat heads, of the best quality, extensively grown for shipping. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

**Stonemason Drumhead.** Heads of good size, round and slightly flattened, very solid, crisp and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

**Stein's Drumhead.** A remarkably fine strain, a sure header; heads weigh from 10 to 12 lbs. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

**Green Glazed.** Heads large, rather loose and open, the leaves are a glossy green, particularly adapted to the south. Pkt., 10c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

RED CABBAGES.

**Mammoth Red Rock.** Heads large, deep red to center, often weigh 12 lbs. each. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

**Red Dutch.** Heads of a deep red or purple. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

**Zenith Cabbage.** This is a new red variety of German origin. The color a fine, deep, purplish red. The head is of medium size, and very solid, with but few outer leaves. It is very crisp, tender, mild flavored. It is a second early variety and is especially valuable for market gardeners. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.

ANDREW Mc CALLEY, LA GRANGE, IND., WRITES:

The Potatoes you shipped me on the 14th, reached me on the 22d inst. and I must say they were exactly as represented. All my dealings with you are perfectly satisfactory.



Hollander or Danish Ball-head.

LATE FLAT SORTS.

**Premium Late Flat Dutch.** (Selected Strain.) The great cabbage for fall and winter use. It is a sure header, wonderfully solid and of excellent flavor. The heads are large, oval in shape, and flattened. Well grown heads often measure 12 to 15 inches across. No Cabbage is so universally grown as this, because the seed may be sown in the open ground and the young plants raised without the use of hot-beds—hence it is a universal favorite for general use. For heading, evenness of crop and size our strain of this cannot be surpassed. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

**May's Long Keeper.** The best type of late cabbage ever produced. Tested with other late sorts it has surpassed them all in keeping qualities and in handsome appearance. We believe it a fit companion for Hollander, that famous variety which is attracting so much attention in the garden producing world. It grows to a large size, is very solid and rather flat in shape. A splendid shipper and a long keeping, fine appearing cabbage. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

**Hundred Weight.** (May's.)—The largest of all the cabbages, single specimens having been known to weigh over 40 pounds each. The truest type of the large late variety; it will average more good solid salable heads per acre than any other extra large late cabbage. The keeping qualities are excellent, and it is therefore a valuable sort for gardeners growing for distant markets. The heads are round, flattened, very solid and with few outer leaves. Pkt., 10c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.00.

**Louisville Drumhead.** This fine cabbage is very popular with the kraut makers. It is a medium late variety, forming a large solid head, which seldom bursts. It is used largely by shippers in the vicinity of Chicago who ship cabbages south. It comes in between the second early and the late varieties. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

**Marblehead Mammoth.** The quality is not coarse and the flavor is delicate and excellent. It is well adapted to the south, and is in favor there, and is considered one of the most desirable varieties of late cabbage for warm latitudes. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

Autumn King.

See page 3.

**Solid South.** Surest heading late sort. Keeping qualities unequalled. It is a large, round sort, with flattened heads; a fine keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

Large Late Drumhead.

A standard late sort. Heads large, compact. A sure header. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

SAVOY CABBAGE.

These cabbages, the leaves of which are blistered, are far superior in flavor to the ordinary or smooth-leaved sorts. In fact there is as much difference as there is between Cauliflower and Turnips in favor of the Savoy cabbage. One of the most delightful dishes is stuffed Savoy cabbage served with cream sauce.

**Drumhead Savoy.** The largest heading Savoy; of excellent flavor, and a general favorite with market gardeners and truckers. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

Early Dwarf Ulm Savoy.

A dwarf variety, very early and very sweet and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.30.

German—Sellerie.

## Some Choice Celeries.

Swedish—Sellerie



White Plume Celery.

**Rose Ribbed Paris Self-Blanching.**

The most beautiful of all pink celeries. A sport of the celebrated Golden Self-Blanching, and equal to that variety in all respects. It has the light golden color of its parent, and blanches with the same ease, differing only in the bright rose ribs. A good keeper. Height, 15 to 18 inches. One of the most desirable of the new celeries, especially for domestic use. Pkt., 5c.; oz., 20c.; ¼ lb., 45c.

**Hartwell's Perfection.**

An excellent large growing variety of creamy white color. One of the finest market sorts and a good keeper. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.40.

**Henderson's Half Dwarf.**

A leading market variety of medium growth, fine quality and a good keeper. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.40.

**CELERIAC OR TURNIP ROOTED CELERY.**

Celeriac is grown for the bulbous roots, which are stewed or used for flavoring soups.

**Apple.** Roots shaped like an apple. Pkt., 5c.; oz., 20c.; ¼ lb., 35c.

**Large Erfurt.** The root, which is turnip shaped, is cooked or sliced and used with vinegar. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.

**Golden Self Blanching.** (See Cut)

The best of all early "self-blanching" varieties.

The leading variety in all markets as an early celery. The stalks are much broader and heavier than those of the White Plume, and greatly superior in quality. It is ready for use nearly as early, producing dwarfier and much larger bunches of broad, heavy stalks, blanching to a deep golden yellow. Plants are of dwarf, compact habit, with very thick, solid, heavily ribbed stalks. When grown in rich, moist soil the large stalks are very numerous, each plant being fully as thick through as the largest of the tall late sorts, with a very large solid heart, and beautiful golden yellow stalks and leaves. When quickly grown the stalks are crisp and solid, brittle and free from any stringiness, of most delicious flavor. Our seed is of the original strain grown from carefully selected plants, so that purchasers may be sure of receiving the genuine strain French grown. Pkt., 10c.; oz., 40c.; ¼ lb., \$1.60; lb., \$5.00.

**Golden Self Blanching.**

Regular American grown stock. Pkt., 10c.; oz., 20c.; ¼ lb., 80c.; lb., \$3.00.

**White Plume.**

(See Cut.) We offer a choice strain of this valuable and popular variety. It is almost self-blanching, naturally its stalk and portions of the inner leaves and heart are so white that by closing the stalks, either by tying or simply drawing the soil up against the plant and pressing it together, the work of blanching is complete. Valuable for fall and winter use. A good keeper. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.



Rose Ribbed Paris Celery.

THE BEST  
Selected Strains  
of  
CELERY.



Golden Self Blanching Celery.

**Giant Pascal or Winter King.**

The leading celery for winter use. The stalks are remarkably large, thick, solid and entirely stringless. It is a very vigorous grower, the heart is a rich, bright yellow, even without blanching. It blanches very easily, requiring only five of six days earthing up when the outer stalks present a beautiful clean white appearance. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.40.

**American White Solid.** The best of the large growing sorts. Grows to a height, under good cultivation, of three feet. It is remarkably tender and keeps the rich flavor longer than any other variety. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.40.

**Large Prague.**

Roots large and smooth, almost round. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

**Evans Triumph.**

One of the best late sorts. Of excellent quality and real nut-like flavor. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

MRS. JAS. H. DEUEL, Canistota, N. Y., writes:

Seeds ordered of you received all right and I wish to thank you for your liberality in sending all those EXTRA SEEDS.

## THE BEST VARIETIES OF POP CORN.

**Rice.** A very productive variety. Ears short, kernels long and pointed. A splendid popping sort, and the most salable among the retail dealers.

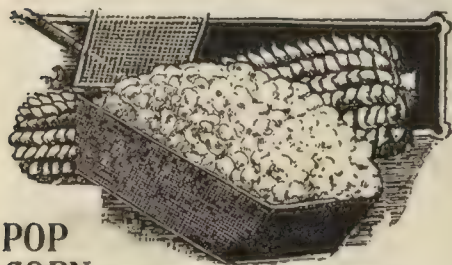
**White Pearl.** Smooth, small grain, ears four or five inches long, seven-eighths to one and one-eighth inches in diameter.

**Mapledale.** This, is without doubt, the most prolific pop corn that has ever been introduced. The average ear measures over six inches, and the grains are almost pure white in color. It pops a clear white, and of the finest quality.

**Golden Queen.** Ears of large size, and the kernels pop to over an inch in diameter. One of the best and most prolific varieties grown.

Pop Corn should be found in every garden, especially if there are children to enjoy it during the long winter evenings, which bring young people together for social amusement.

PRICE FOR ANY OF THE ABOVE POP CORN: Pkt., 5c.; pt. 20c.; qt. 35c., postpaid.



POP  
CORN—PIN MONEY FOR THE BOYS.

German—Welchkorn.

## MAY'S NORTHERN GROWN SWEET CORN.

Swedish—Socker Majs.

### EXTRA EARLY SORTS.

**Peep of Day.** This most valuable sort is of Minnesota origin, and is not only early, but one of the sweetest and best. The stalks grow from three to four feet high. Ears average from five to six inches in length and are of perfect form, being compactly filled from butt to tip with milky white kernels of luscious tenderness and deliciously rich flavor. The toothsome quality is retained a much longer time than with most corns. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$3.50.

**Early Windsor.** The earliest of all sugar corns. Very sweet. The most delicious variety that can be grown. It is remarkably for its fine appearance so early in the season and while the cobs are not quite so large as the late sorts, they are always well filled and the kernel is of the best quality. From actual tests in a fair season, good ears for boiling can be grown in 50 days from planting of seed. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.00; bu., \$3.50.

**Premo.** An extremely early variety, usually fit to use in fifty days from time of planting. It is not only very early, but is one of the sweetest and best. This variety combines all the good qualities of the later sorts, is much hardier, and may be planted some days earlier without danger of rotting. It is a vigorous grower, stalks about 5 feet high, bearing two well developed ears to a stalk. Ears of good size, cob and kernel white. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00, bu., \$3.50.

**Adams' Extra Early.** Not so sweet nor quite so early as Cory, but decidedly more hardy. It is not a true sweet corn, but for all that is welcome on the table if pulled promptly after reaching maturity. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bu., \$2.25.

**Minnesota Early.** One of the best and most popular of the older varieties, both for the market and private gardener. Stalk short and bearing two long ears, eight-rowed, very sweet and tender, and shrinks but little in drying. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 75c.; bu., \$2.50.

**White-Cob Cory.** This is equally as early as the preceding, but is rather less hardy. It is very satisfactory, however, in most sections, to plant for the earliest market, the grains retaining their pearly whiteness when cooked. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., \$3.00.

**Red-Cob Cory.** This popular extra early variety succeeds well where the summer is short, cool, and moist. Ears six inches in length, with eight rows of white broad grains. The cob is red. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., \$3.00.

### Mammoth White Cory.

Ears larger than common Cory, and two or even three to the stalk. Claimed by the originator to be the largest and best extra early sweet corn in existence. The grains are in twelve rows, and the ear is symmetrical and handsome, with no openings between the rows at the base. Grains large and white and of remarkably good quality for such an early sort. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., \$3.00.



Peep of Day Sweet Corn.

80 days, or fully 10 days earlier. The ears are like Stowell's, very large, with about 18 rows of very large grains. There is no better corn than the early Evergreen for the market gardener. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., \$3.00.

**Black Mexican.** One of the most sugary and delicious of sweet corns. Grains white at first but soon coloring. Best for table use. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., \$3.00.

### LATE VARIETIES.

**Country Gentleman.** The most delicious of all sweet corns and also one of the most productive sorts. The ears are of good size, with a small cob and very clear, deep white kernels, tender and sweet, many of the stalks bearing three to four ears. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 85c.; bu., \$3.00.

**Mammoth Late.** Extra large ears, usually 14 to 18 rowed; cob white and well filled, deep kernels of good quality. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., \$3.00.

### Stowell's Evergreen.

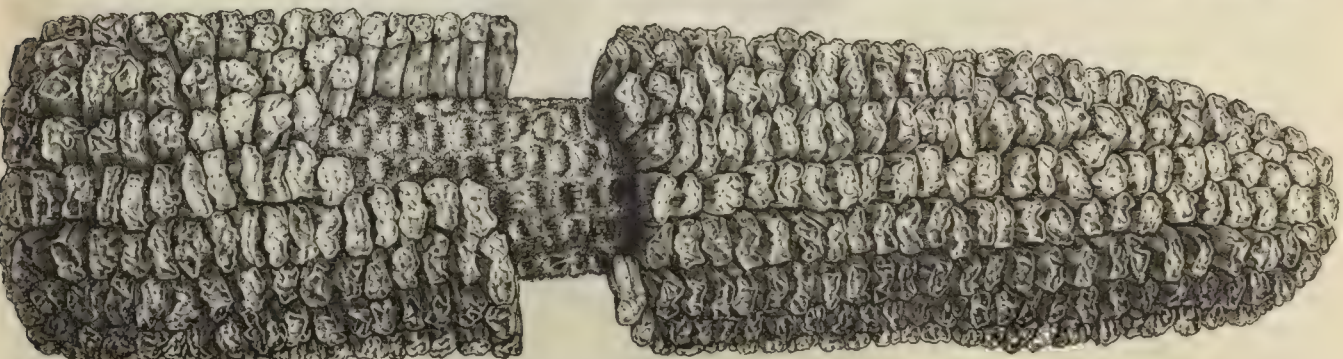
**Extra Selected.** This is the leading standard variety for home use, market, and canning. Our stock is most carefully selected and can be depended upon to produce fine large ears of superior quality. The stalks are of strong growth, each producing two large ears; the grains, while of good size, are long and slender, the cob being small. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 75c.; bu., \$2.50.



Country Gentleman Sweet Corn.

## THE COST

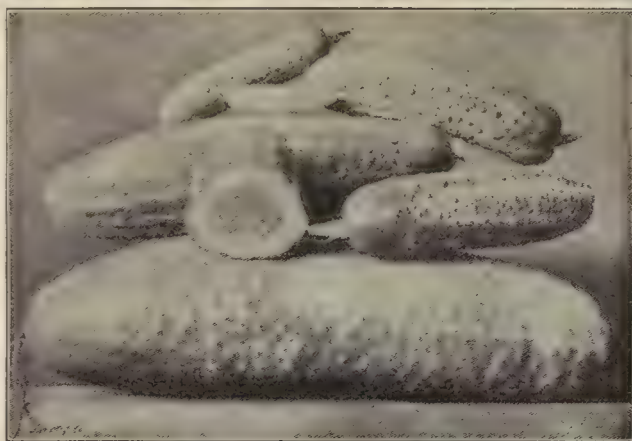
of Seed Corn is but a small part of the loss to the planter in case it proves poor and unreliable. Hence use the best.



Stowell's Evergreen Sweet Corn.



Cucumber, Early Cluster.



Cucumber, New Cumberland.



Cucumber, Japanese Climbing.

German—Curfe.

## MAY'S CHOICE SEED OF CUCUMBERS.

Swedish—Gurka.

**New Cumberland.** (See cut.) A variety of the hardy White Spine type. The pickles differ from all other hardy sorts in being thickly set with fine spines, except on the extreme stem end. During the whole period of growth, from the time they first set until full grown, the form is exceptionally straight and symmetrical, making them as choice for a slicing variety as for pickles. The flesh is firm, very crisp and tender at all stages. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Early Cluster.** (See cut.) A vigorous growing variety usually producing the bulk of the crop near the root and in clusters. It is a good table variety and excellent for pickling purposes. Fruit, short, dark green. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**May's Favorite Pickling.** (See cut.) In form it is solid and exceedingly tender. Taken all together it is about as near perfection for pickling purposes as a cucumber can be. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Early Prize Cucumber.** The finest forcing cucumber. Extra early, a prolific bearer, a vigorous grower and of splendid shape and quality. It is a most excellent sort for either pickling or table use. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**May's Garden Gem.** The finest cucumber for slicing. It surpasses all other kinds for beauty, flavor and shape, being quite long, thick through, has a fine flesh and few seeds. For general crop to come in after our great forcing variety, "Early Prize," it is undoubtedly the most desirable sort. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**Improved Long Green.** Produces fruits averaging from ten to twelve inches in length. Skin a deep rich green; flesh solid, crisp, and of excellent quality. This extra selected strain of the original type can be depended upon to produce the true long dark-green fruits—excellent alike for slicing and pickling. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

**Giant Pera.** The cucumbers are long, smooth and of a beautiful green color. Unlike most sorts, they are fit to eat at any stage. The flesh is white, clear, crisp, tender and brittle. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

**Klondike.** (See page 2.)

IRA A. CUNNINGHAM, Elberon, Iowa, writes:

"I was well pleased with all the seeds received from you last spring."



Cucumber, May's Favorite Pickling.

**Japanese Climbing.** A marvelous climbing variety introduced from Japan. The vines are strong growing and immensely productive, it being estimated that it will yield three times as much as any other variety in a given space. The cucumbers are about 10 inches in length, of a beautiful green color. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

**Lemon.** A new and entirely distinct type of the cucumber family. In appearance it is nearly round, sometimes slightly oval, with the yellow and green markings and smooth skin of the lemon. The flesh is exceedingly tender and crisp. They are excellent for slicing, also very fine for pickling, either in the green or ripe state and are very attractive on account of their novel shape. Pkt., 10c.; oz., 20c.

**White Spine Improved.** Very uniform in size, very productive, crisp and fine flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

**White Spine Extra Long.** A fine large shaped sort a little later than the above. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

**Arlington White Spine.** The truckers' favorite. Very early, color deep green. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

**Early Frame.** Fruit medium size, fine for table use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Boston Pickling.** Extensively used for pickling purposes. Color bright green. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Green Prolific.** One of the best for pickling. Color dark green. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

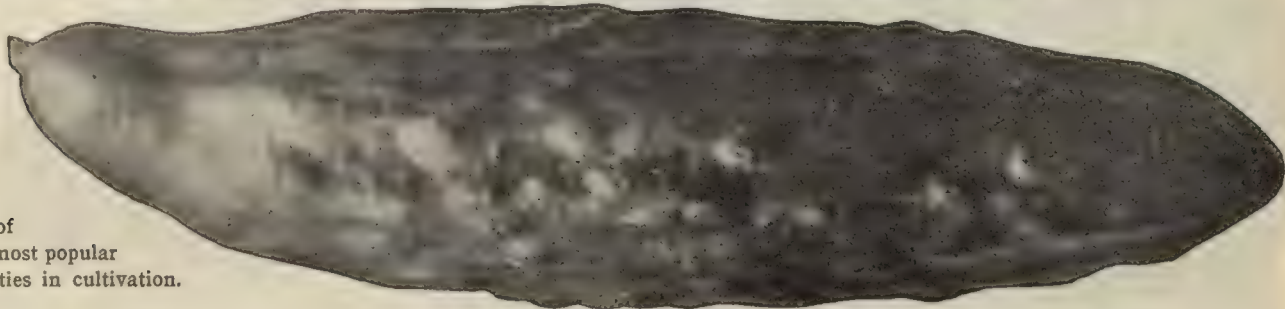
**Emerald.** Makes excellent pickles. Color dark green. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Jersey Pickling.** A long slender sort; fine for pickling. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

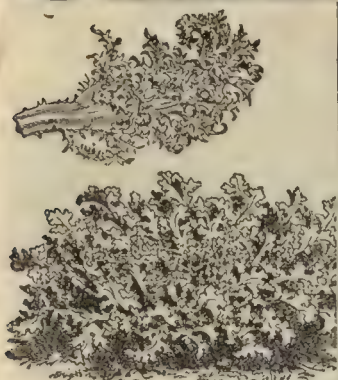
**West India Gherkins.** Small, oval shaped; grown extensively for pickles. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

P. MENARD, Colfax, Wash., writes:  
"Accept my thanks for your promptness in shipping my seed order."

One of  
the most popular  
varieties in cultivation.



Cucumber, Improved Long Green.



Endive White Curled.

## CHICORY.

German—Gigorien.

The roots dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. The leaves make an excellent salad for early spring.

**LARGE-ROOTED, or COFFEE.**  
Pkt., 5c.; oz., 10c.; ¼ lb., 20c.

## COLLARDS.

German—Blatterkohl.

**True Southern or Creole.** This is the variety so extensively used in the South, where it furnishes an abundance of food for both man and beast. Forms a large, loose, open head. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.

**Georgia.** A mass of leaves on a tall stem, which in the South grow all winter. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

## CORN SALAD. German—Stecksalat.

This is a hardy quick growing plant; the leaves furnish a good substitute for lettuce during the winter. It is quite hardy.

**Large Seeded.** Broad leaved. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Small Seeded.** Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

## CRESS. German—Kresse.

**Fine Curled.** (Pepper Grass.) Quick growing; leaves finely cut and feathery, like a good parsley; growing dwarf and compact; ornamental, crisp, and pungent; very refreshing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 55c.

**Water Cress.** Highly esteemed as a salad during the spring and fall. Also used as a garnish for meats during the winter. Seed may be started readily in pans or boxes of very moist earth, and the young plants transplanted to shallow water. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00.

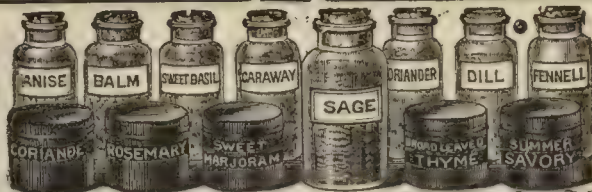
## ENDIVE. German—Endiven.

This plant furnishes an attractive and appetizing salad for the fall and winter months, or by repeated sowings a supply may be had nearly all the year round.

**Green Curled.** Leaves finely cut or lacinated, giving the plant a rich mossy appearance which is greatly enhanced when the centers are nicely blanched. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**White Curled.** This beautiful variety does not need blanching to prepare it for use. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**Batavian.** Forms large heads of broad thick leaves. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.



## HERBS, Pot, Sweet and Medicinal

Save a corner of the garden for a few aromatic herbs. They thrive nicely along the sunny side of the garden fence, and they will require a deep and fairly rich soil. Thyme, Summer Savory and Sage, are great additions to many soups and stews. Cut them just before they bloom on a bright, sunny day. Tie them in bunches and hang them up to dry.

	Pkt.	Oz.
Anise, used for flavoring. A well known annual.	\$0.05	\$0.15
Balm, very fragrant, odor similar to lemons.	.05	.50
Basil, sweet, for soups and stews.	.05	.40
Borage, excellent for bees, also used as a pot herb.	.05	.20
Caraway, for flavoring purposes.	.05	.10
Coriander, grown for its seeds, which have an agreeable taste.	.05	.15
Dill, used in soups and sauces, pungent taste.	.05	.15
Fennel, sweet ornamental, used in confectionery.	.05	.15
Horehound, used medicinally, will thrive in any soil.	.05	.50
Lavender, aromatic.	.05	.50
Rosemary, aromatic, fragrant odor.	.05	.50
Rue, used for medicinal purposes.	.05	.25
Saffron, medicinal properties.	.05	.15
Sage, used in sausage, etc.	.05	.20
Summer Savory, for seasoning, dressings and soups.	.05	.25
Sweet Marjoram, flavoring, not hardy at the north.	.05	.25
Wormwood, used medicinally, strong fragrant odor.	.05	.50
Thyme (true broad-leaved English).	.05	.50



Egg Plant, Black Beauty.

## EGG PLANT.

German—Eierpflanze.

### Black Beauty. (See Cut.)

A large fruited variety, fully ten days to two weeks earlier than the Improved New York. The plants branch freely near the ground and grow in well rounded bushes. The fruit is large, thick and attractive. The skin is a rich purplish black. The fruit sets most freely and develops

remarkably quick, so that the entire crop can be gathered before there is any danger of frost. Pkt., 10c.; ½ oz., 25c.; oz., 40c.; ¼ lb., \$1.25; lb., \$4.00.

## New York Improved Spineless.

Large round, dark purple, very productive. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

**Black Pekin.** Black fine grained and of delicate flavor. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

**Early Long Purple.** Very early, fruit long, dark rich purple. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

**GARLIC.** A bulbous root of the onion type, used for flavoring. Culture same as onions, except that the bulbs (sets) should be placed two inches under ground. Sets, per ¼ lb., 15c.; lb., 40c.

## KALE, or BORECOLE.

German Blatter Kohl.

The Kales are more hardy than Cabbage, make excellent greens for winter and spring use. The small heads to be cooked like spinach.

**Dwarf German.** Green curled, very hardy; makes fine greens. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.

## Dwarf Green Curled Scotch.

Usually sown in the fall for spring market. It is low growing with finely curled leaves of a deep green. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**Tall Scotch.** Foliage deeply fringed, color rich green, grows about 30 inches high. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

## LEEKs. German—Lauch.

**May's Exhibition.** It is extremely hardy, of enormous size, the stalk being tender up to a height of 15 inches or more. If you have never grown Leeks you should try this sort. Pkt., 10c.; oz., 30c.

**Broad Flag.** The gardener's favorite. Plants strong with broad leaves. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**Large Carentan.** Pkt., 5c.; oz., 10c.; ¼ lb., 30c.

**Musselburg.** Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**Large Rouen.** Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**KOHL-RABI.** German—Kohl Rabi.

**Early White Vienna.** Bulbs handsome, small; highly esteemed by market gardeners. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.

**Early Purple.** Very similar to the last, except in color. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.

**Large Green.** (See Cut.) A late variety, largely grown for feeding stock. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.



Kohl Rabi.



Exhibition Leek.



Kale Dwarf Green Curled Scotch.



True Water Cress.



## VEGETABLE GARDENING

A Manual on the growing of vegetables for home use and market.

NEW EDITION  
JUST OUT.

PRICE, PAPER 50c.  
CLOTH \$1.00.



Lettuce, Denver Market.

## Lettuce.

THE MOST USED OF ALL SALADS. IN DEMAND EVERY MONTH OF THE YEAR.

### Simpson Early Curled (Black Seeded.)

It forms a large cluster of leaves and rather a solid head, and is considered very desirable for forcing or early sowing out of doors. The leaves are somewhat rough, blistered, and of a light yellowish green shade. Very popular with market gardeners. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.



Lettuce, Maximum.

**Denver Market.** An early variety of Head Lettuce, either for forcing or open ground. It forms large heads, of good light green color. The leaves are beautifully marked and blistered (like the Savoy Cabbage), very crisp and tender. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.

**Big Boston.** A very popular variety with gardeners who want a large heading forcing sort, and also for outdoor winter culture in the south. The plants are large, very hardy and vigorous, with broad, smooth, thin and very hard leaves which are bright, light green in color, and when well grown are quite tender. Indoors this forms a solid head, while outdoors it is less distinctively a heading sort. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., \$1.00.

**Simpson Early Curled.** (White Seeded.) This is very similar to the Black Seeded Simpson, but is much darker in color, and the leaves are not frilled. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.

**Tennis Ball.** (Black Seeded.) One of the earliest; forms a close hard head, not large, but very tender and crisp. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.

**Nansen's North Pole.** (See cut.) A solid sure heading variety, furnishing nicely blanched, crisp, buttery lettuce, early in the spring, either in the open ground, or in cold frames; also desirable for sowing in August and September for fall supply. Bleaches to a beautiful, golden yellow tint. The plants are compact; producing solid well folded heads 6 inches in diameter. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Prize Head.** Forms a mammoth plant, in which even the outer leaves are crisp and tender, and remain so throughout the season. It is slow to run up to seed, of superb flavor and very hardy; one of the best varieties for family use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.

**Early Challenge.** (See Cut.) A splendid head variety for home garden or marketing. The leaves are of a large size, and form immense heads of a beautiful apple green shade. It matures quickly and is adapted for shipping purposes, as it retains its bright, fresh appearance longer than almost any other variety, and does not become tasteless or bitter with age. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Salamander.** One of the best for summer use, forming good compact heads. Color, light green outside and white inside. It will remain longer in head and stand a greater amount of heat without burning or running to seed than any other variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

**Yellow Queen.** This fine heading Lettuce is winning the praise which was predicted for it, as the best first early head lettuce. The solid heads are of good size, and of a most pleasing golden yellow color, second to none for forcing. It is one of the most deceptive varieties we have ever seen, but it forms all solid heads, with little or no waste, so there is really more to it than in many lettuces double the size. It is very crisp, tender and juicy. It can not be over praised for home use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.

**Butter Cup.** A white seeded variety forming plants of good size, with numerous smooth, round leaves, which are of a clear yellow shade, very sweet, crisp and tender. The heads when fully formed, are of fair size and exceedingly attractive in appearance. It is a very distinct variety, and we recommend it for both private and market use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.



Lettuce, Nansen's North Pole.



Lettuce, May's Early Challenge.

**Maximum.** A wonderfully heat-resisting Lettuce, remaining a long time, even in the hottest weather without going to seed. It is green outside and yellow in the center. A strong growing and large heading, late summer sort. The plants are of strong, vigorous growth, the large outer leaves are a rich, bright green and grow well up around the large globular head. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Philadelphia Butter.** A dark green, thick-leaved, smooth lettuce, that is very desirable for open ground culture. The plants form a good size, solid round head, that will stand a long time before running to seed. The inner leaves blanch a peculiar yellow shade, and are of a most delicious, rich, nut flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.

**Passion Lettuce.** A large drumhead sort, with outer leaves tinged with brown. Very popular. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.

**Improved Hanson.** Forms very large firm heads, which are deliciously sweet, crisp and tender; heads green outside and white within; for outdoor culture unexcelled. It is one of the best heat-resisting sorts. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.

**New York Improved.** Heads almost as solid as an Early summer cabbage, which in general form it somewhat resembles. It blanches itself naturally, is crisp, tender, and of excellent flavor and entirely free from bitterness. The color on the outside is a clear, deep apple green; on the inside yellowish white. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.

**Wonderful.** An all seasons sort. The largest heading. It has been grown to weigh six pounds to the head, and frequently two or three pounds. The heart is solid, of bright light green color, very tender and crisp, without the slightest trace of bitterness found in most sorts. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.

**May's Market Gardner.** (See Page 3) All Cream. (See Cover Page.)

**Deacon.** Considered one of the most satisfactory sorts for producing large, well folded and beautiful blanched heads in the family garden or to grow extensively for market. Growing to large size, it is later than most of the other sorts, but is the most sure heading of any of the large buttery sort. The inside of the head blanches to a beautiful golden yellow, and is of a rich buttery flavor. The outer leaves are of a light golden yellow, and grow closely about the large compact heads. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

## COS LETTUCE.

**Early White Self-Folding.** Grows to very large size, producing long, pointed, compact bunches. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

**Trianon.** The first of all the Cos; leaves when blanched are stiff like celery stalks, and can be eaten in the same manner. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

A. J. MARLETTE, Rochester, Minn., writes:—"The Tree seed received and I FIND IT GOOD. Thanks for your promptness."



**Selected Stocks**

of the best  
New and  
Standard  
Varieties.

**The Cream List.**

## MUSK MELONS.

German—Muskat-Melone. Swedish—Muskat-Melon.

**Rocky Ford.** (See Cut.) A Sweet, luscious melon that has become world famous for its captivating flavor. "Rocky Ford" has proved to be a very valuable melon in every respect, somewhat resembling the old "Nettled Gem," but is more oval in shape. Fruit averages five to six inches in length. The skin is of a rich, greenish-gold; the nutmeg is prominent and light in color; the flesh is very deep ripening clear to the rind, and it has a very small seed cavity. It is very sweet and luscious in flavor, and is entirely devoid of any stringy character whatever. We have used the utmost care in selecting our seed of this variety, looking well to shape, size, solidity, depth of flesh, seed cavity, color of flesh and quality and know that it is the true Rocky Ford. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 75c.

**Osage or Miller's Cream.** One of the most popular varieties, both for the market and home garden. Fruits are of good size, the skin is dark green, banded with lighter streaks. The flesh is of orange color, thick, firm and of exceptionally fine quality. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**Yellow Meated Japan.** (See Cut.) Where sweetness, combined with flavor, is desired, this variety will surely please, as it not only produces melons of large size, but has that crisp, sugary flavor so much desired in a musk melon. The flesh is firm, fine-grained, rich, deep yellow, and of the highest flavor. Very popular with market gardeners, as it always commands a high price on the market. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Emerald Gem.** This variety is of excellent quality and medium size. The skin, white ribbed, is perfectly smooth and of a deep emerald green color. The flesh is thick and of a suffuse salmon color, and ripens to the green rind. The flavor is very sweet and luscious, and the melons mature extremely early. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**Defender.** This new melon is one of the best of the yellow-fleshed sorts. It is of medium size, somewhat elongated, well netted and of pleasing appearance. It is plainly but not deeply ribbed. Its especial merit, in addition to sweetness and high flavor, is in the fact that the flesh is edible almost to the rind. The inside color of this is a little darker than Osage, and is richer in flavor. The flesh is fine grained and firm, and the melon bears transportation well. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Long Island Beauty.** Early. Fruits attain large size, are ribbed and heavily netted. This variety is similar to the Hackensack, but of superior flavor. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 5c.; lb. 80c.

**Norfolk Button.** Extremely early, very productive. The fruit is of the Jenny Lind type, flattened at both stem and blossom ends, ribbed and heavily netted with a distinct nub or "button growing out of the blossom end, as if the fruit had attempted to make a second growth. The flesh is uniformly sweet and melting. This extra growth is a peculiarity of the earliest ripening strain, as well as an indication of finest flavor, and is eagerly sought by buyers. The flesh is uniformly sweet and melting. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Paul Rose or Petoskey.** This widely advertised melon is a successful cross of the Osage with the Netted Gem and combines the sweetness of the former with the finely netted appearance of the Gem. The flesh is of orange red color like that of the Osage, but is of higher tint. It is even richer in flavor than the Osage. A splendid shipper and just the right size for hotel and table use. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**Hackensack, Extra Early.** (Green Flesh.) (See Cut.) This is a variety possessing all of the good qualities of the Large Hackensack, but by careful selection a strain has been secured which will ripen about a week or ten days earlier than the old variety, making it more desirable where an extra early large melon is required. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**Early Green Nutmeg.** A medium sized globular formed variety. The skin is of a dark green; flesh thick, solid and of good flavor. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**Acme or Baltimore.** An excellent shipping melon. The fruit is of medium size, oval in shape and slightly ribbed at the stem, and ribbed and covered when ripe with a heavy netting. The flesh is green, thick, tender, and of a sweet, sugary flavor. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**Banquet.** Claimed by many to be the most productive variety ever introduced, and said to yield 25 per cent more first-class melons to a given area than any other variety. The melons are medium sized, flattened at both ends, and beautifully netted. The flesh is deep, very sweet, and of a rich salmon color. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**The Melon Peach.** The fruit is about the size of a large peach, oval shaped, and of a bright orange color, somewhat russeted. When they first ripen they are quite hard and have very little taste, but soon become mellow and sweet and have a rich flavor. When ripe the fruit falls from the vine; the flesh is very firm, with a small cavity in the center, and when peeled and the seeds taken out they much resemble peaches. For sweet pickling, pies or preserves they are superb; a few pieces of sliced lemon or a little lemon essence adds to their flavor, and is usually desirable. They are easily cultivated, wonderfully productive, and can be used in every way in which you would use a peach, except that they are not usually liked raw although some consider them excellent simply sliced with a little sugar on. Pkt. 10c., oz. 40c.



Yellow Meated Japan.



Rocky Ford.



Defender.



Water Melon—Fordhook Early.

German—Wasser-Melone.

We Care-  
fully  
select

our Melon Seed from specimen fruits which are grown for Seed only. This insures to the planter of our Seed the very finest strain of Melons that can be produced for the home garden or for market.



Water Melon—May's Ice King.

Swedish—Vatten-Melone.

## WATER MELON.

**Fordhook Early.** (See Cut.) The fruits are of good size, rather short and blocky in form, with large diameter. The skin is dark green, occasionally striped lighter green. The flesh is bright red, crisp, sweet and of splendid quality. Rind quite thin, but skin tough, making an excellent shipping variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Halbert Honey.** One of the finest water melons for the home garden, fully equal in delicious flavor to the celebrated Kleckley Sweets, but better and more uniform in color and shape, being free from any tendency to "neck." Skin dark glossy green, flesh beautiful crimson. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Safeguard.** The earliest large variety ever introduced. Without doubt the best melon for early marketing. For yield and earliness combined, no variety we have ever grown can equal Safeguard. It is not so productive as our Ice King, but on account of its earliness is a much better variety for gardeners who grow for the early markets. In addition to its earliness and yield, the tough skin enables it to withstand almost any amount of rough handling. The flesh is a rich pink, crisp, tender and very sweet. For home use it is a most desirable variety, as it will furnish melons earlier in the season than any other sort. You will make a mistake if you do not give it a place in your garden this year. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Black Diamond.** A cross between Kolb's Gem and Hoosier King. Its prominent point of merit is its extreme size—no melon ever yet produced anything so uniformly large fruit, nor approached it in productiveness. Melons weighing from 75 to 90 pounds are not infrequent. It is the most prolific water melon planted. Its color is a rich, dark, green, almost black. Symmetrical in shape, roundish to oval. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Florida Favorite.** A splendid oblong melon ten days earlier than Kolb's Gem; flesh red, of fine flavor and quality. Pkt. 5c, oz. 10,  $\frac{1}{4}$  lb. 20c, lb. 50c.

**Alabama Sweets.** A grand new shipping melon equal to Iceing, Kleckley, and Florida Favorite in luscious quality; shape, long, dark green, continuous bearer. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**May's Ice King.** (See Cut.) The best flavored variety ever introduced. The melon for all sections. The best shipper and most productive variety ever offered. Grows to a good size; skin not thick, but exceedingly tough, and will stand almost any amount of rough usage, and therefore valuable for the large growers. The meat is a rich scarlet, tender, sweet and juicy. Pkt., 10c.; oz. 15c.;  $\frac{1}{4}$  lb., 25c.; lb., 60c.

**Kleckley's Sweet.** Large oblong Melon, 20 inches in length, by 10 to 12 inches in diameter. The skin is dark green, flesh bright scarlet, the rind only about one-half inch in thickness. The scarlet flesh is sweet and sugary and is of such texture that it leaves no strings of pulp whatever in eating. The Melon is better for home use than for shipping, and we believe it is the best table Melon to-day. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**McIvers Sugar.** This widely famous melon is of southern origin. It is of medium size, with striped or variegated exterior, beautifully red flesh, and light colored or white seeds. The flesh is entirely stringless, and of perfect quality, as to texture and sweetness. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Sweetheart.** Vine vigorous and productive, ripening its fruit early; fruit large, oval, very heavy uniformly mottled, light and dark green, rind thin but firm; flesh bright red, firm and solid, but very tender, melting and sweet. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb., 25c, lb. 50c.

**Kentucky Wonder.** Large, oblong; dark green, beautifully marked, crisp, rich, sugary. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**True Ice Cream.** The great home-market Melon. It has too thin a skin for shipping. Few, if any, surpass a True Ice Cream for quality and productiveness. Flesh bright scarlet, solid to center; melting and delicious. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Citron.** Colorado Preserving.—Makes beautiful, nearly transparent preserves of unsurpassed flavor. Superior to the ordinary preserving citron in quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**We Have** Fine stock of the following standard varieties of melons: Phinney's Early, Bradford, Colorado Beauty, and Harris Earliest. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

## MUSHROOMS.

**Pure Culture Mushroom Spawn.** This is prepared by an entirely new process, and is far more productive than the English and French Spawn. By a scientific selection of large mushrooms for propagating purposes a new type has been developed possessing the following points of merit: The mushrooms are much larger; their skin is tougher; their flavor is finer; they are more productive and come to maturity earlier. The spawn usually sold has been prepared for months, much of its vitality being spent before it is planted. This spawn, however, is fresh made in this city and is sent out under our guarantee to grow if cultural instructions are followed. Our leaflet on Mushroom Culture will be mailed free on request. This spawn comes in bricks weighing 18 to 20 ounces each. Price per brick, 25c.; 5 bricks, \$1.10; 10 bricks, \$1.75, by express or freight. If wanted by mail add 20c per brick to cover postage. Prices on larger lots quoted on application.

German—Senf.

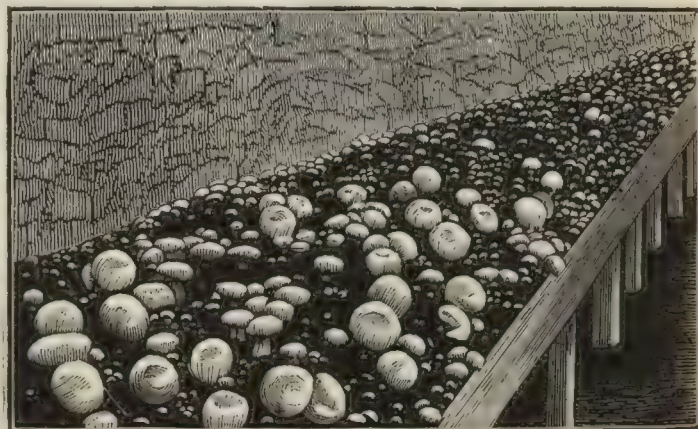
### MUSTARD.

Swedish—Senap.

BLACK OR BROWN—Pkt., 5c.; oz., 10c.; lb., 40c.

OSTRICH PLUME—Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

WHITE OR YELLOW—Pkt., 5c.; oz., 10c.; lb., 40c.

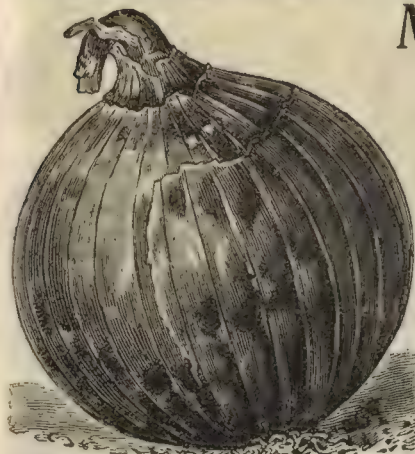
SOUTHERN CURLED—Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

MRS. HENRY JOHNSON, Boaz, Wis., writes:

"Received the plants I sent for all right. Thanks for the fine Rex Begonia."

**Mushrooms.** Can be easily grown in any ordinary cellar or barn and it is one of the MOST PROLIFIC CROPS to grow.

# May's Minnesota Grown ONION SEED.



Southport Large White Globe Onion.

**Red Globe, Southport.** (Minnesota Grown.) This strain of Red Globe onion which we offer is far superior to that usually sold, as it produces splendid, globe-shaped bulbs of handsome appearance and the best keeping qualities. There is probably no other red variety which commands a higher price on the market as its rich, purplish, crimson color makes it exceedingly attractive. The flesh is solid, fine grained, mild and tender. In addition to being a most beautiful onion it matures early in the season, which is a decided advantage to market gardeners. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00. Eastern Grown Seed. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$1.75.

**White Globe Southport.** (Minnesota Grown.) This strain is thoroughly first-class in every particular and will produce handsome, globe-shaped, white bulbs that are solid and of splendid quality. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.25. Eastern Grown Seed. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**Yellow Globe Southport.** Makes fine globe-shaped bulbs, larger in size and rather lighter in color than the Globe Danvers. The skin is a light straw-yellow; the flesh is pure white, crisp and mild. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Yellow Globe Danvers.** (Minnesota Grown.) Large size, globe shaped, small neck, fine flavor, mild and early; in fact about all that is required to make a first-class onion for either home or market use. Our seed is carefully saved from selected bulbs. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50. Eastern Grown Seed. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Michigan, or Ohio Yellow Globe.** A large, pale-yellow onion of beautiful globe shape, which has uniformity small-necked growth, insuring satisfactory ripening of the bulbs and good keeping qualities. Skin straw-yellow or light brown; flesh white, mild, and sweet. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Golden Globe.** The earliest of all globe-shaped Onions. The bulbs are of a beautiful elongated globe, with no tendency to become flattened; average weight seven to nine ounces. The skin is thin, uniformly of a beautiful light golden yellow. Extremely hard and solid, the pure white flesh is most mild and pleasant in flavor. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

## Red Wethersfield, May's Selected

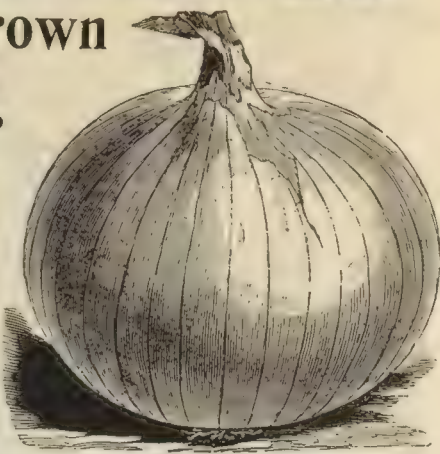
(Minnesota grown.) We confidently recommend our strain of this favorite onion as the very best ever offered. It grows with unusual regularity, and yields of over 1,000 bushels per acre have been reported to us from various sections. Onions weighing from one to two pounds are frequently grown from our selected strain in one season from seed. Extensively grown by gardeners who ship to distant markets. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Red Flat.** Extra early. Deep red, mild flavor, medium size. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**May's Red Wonder.** (See page 2)

The wide popularity of Onions grown from this seed is well proven by the largely increased sales with which we are favored year after year. It is a well known fact that the farther north vegetable life is developed the stronger, hardier and better that development is. This is especially true regarding Onions grown from our Minnesota seed. They are earlier, hardier, finer flavored, better colored, firmer and in every way superior. We guarantee our seed strictly highest grade, of strong vitality, and to give satisfactory results. In no vegetable does the value of the crop raised depend more directly on the QUALITY of Seed than the Onion.

MARKET GARDENERS and ONION GROWERS who use large quantities of Onion Seed will please write for WHOLESALE PRICES.



Southport Large Red Globe Onion.

**Yellow Danvers Flat.** A good onion for home or market use. Danvers. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Yellow Strasburg.** One of the oldest flat varieties. Flesh, white, fine grained and of mild flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**White Portugal or American Silver Skin.** One of the desirable large, white, flat-shaped varieties. It is of mild flavor, fine grained, and an excellent sort for early winter use. Also largely grown for pickling purposes when young. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$1.75.

**White Pearl.** Extra early. The earliest of all white onions; grows to an immense size. Flesh white and of mild flavor. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**May's Perfect Pickling.** (See page 2.)

**Australian Yellow Globe.** This grand new globe-shaped yellow onion is quick growing, a sure cropper, and of exceptionally long-keeping quality. The onions are a perfect globe or ball in form, and uniformly thin necked. The flesh is very solid, crisp, pure white, and of sweet mild flavor. It is very early. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Australian Brown.** Long keeper, early, fine cropper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**New Imperial.** The color of the skin is a light yellow, flesh solid and fine grained. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Prizetaker.** Globe shape with a bright straw colored skin, small neck, grows to an enormous size from the seed the first year. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Creole.** Bulb medium, flat, globe, of a dark straw color, flesh white. Pkt., 10c.; oz., 20c.;

**Mammoth Silver King.** A large flat variety, averaging 5 to 6 inches in diameter. Specimens have been grown to weigh as high as 4 lbs. The skin is pure white and flesh remarkably tender. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.35.

**White Queen.** or Extra Early Barletta.—The earliest ripening Onion in cultivation. Bulbs of a pure paper white, are generally very small, averaging about an inch in thickness, and are most mild in flavor. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**White Paris Pickling.** For early pickling or sets. The onions are of small size, solid, and of mild flavor. Pkt., 20c.;  $\frac{1}{4}$  lb., 20c.; lb., \$1.50.

**Bermuda White.** These onions grow to an immense size. The skin is very thin, flesh white, fine grained, of mild and pleasant flavor. It will grow an onion from 1 to 1½ pounds from seed the first season. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

## ONION SETS.

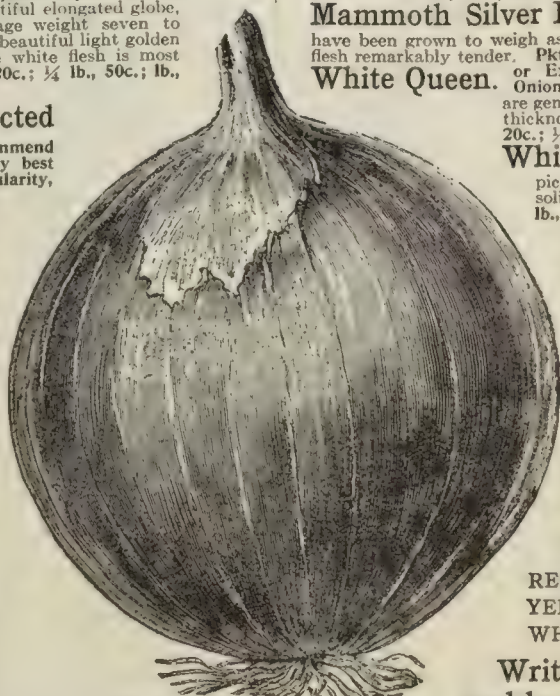
produce large onions ready for market or home use from FOUR TO SIX WEEKS EARLIER than can be done by sowing seed.

RED BOTTOMS, qt. 25c, postpaid.

YELLOW BOTTOMS, qt. 25c, postpaid.

WHITE BOTTOMS, qt. 30c, postpaid.

Write for prices on peck, bushel and barrel lots.



Australian Yellow Globe Onion.

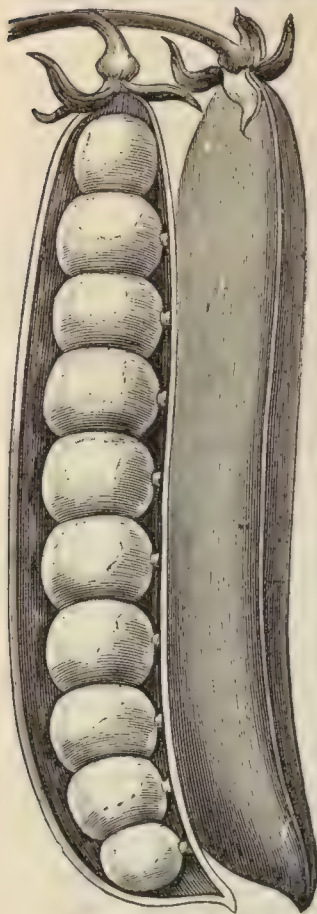
## VEGETABLE GARDENING.

### A MANUAL

on the growing of Vegetables for home use and marketing. By

**SAMUEL B. GREEN,**  
Professor of Horticulture  
University of Minnesota.  
Every gardener and private planter should have this book; it will pay for itself the first summer a hundred times. Price Paper 50c.; Cloth \$1.00.

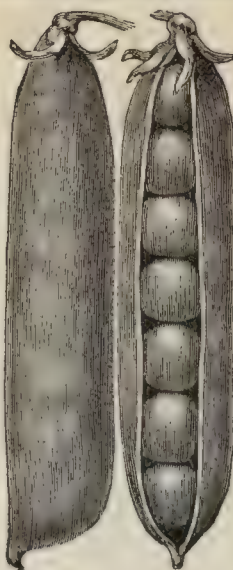




Thomas Laxton Pea.



Gradus Pea.



Nott's Excelsior Pea.



Northwest Premier Pea.

## NORTHERN GROWN GARDEN PEAS.

Hand Picked.

Extra Early Varieties.

**Northwest Premier.** (See cover.) Ten days earlier than any other pea. The most profitable variety for market gardeners. Unequaled in yield and unsurpassed in flavor. If you desire a variety of even growth, wonderful yield and the finest flavor, you should not fail to try the Premier. Thousands of large market gardeners prefer it to any other sort for early marketing. It grows to a height of 20 to 30 inches, does not require staking, is an immense cropper. The genuine stock of this variety can only be procured from us. Pkt. 10c., pt. 25c., qt. 45c., pk. \$1.25; bu. \$4.50.

**Gradus.** (See Cut.) The pods are of large size and resemble the Telephone in shape, always well filled with peas of the finest flavor. It ripens very quickly and must be picked as soon as fit for use. Growing about three feet in height and bearing long straight pods a trifle round at the point. The seed peas are extra large, wrinkled and of a creamy color. Pkt. 5c., pt. 25c., qt. 45c., pk. \$2.25.

**Thomas Laxton.** (See Cut.) A cross between Gradus and one of the extra early sorts. Pods are large, containing from seven to eight large, wrinkled peas of the finest flavor. Pkt. 5c., pt. 25c., qt. 45c., pk. \$2.25.

**Dwarf Champion.** This variety has all the merits of the well known and reliable Champion of England, with much less vine, larger pods and more of them. It is a hardy, robust, vigorous grower, producing in great abundance handsome, dark green pods of large size well filled with plump round peas of most excellent quality. It ripens shortly after the Little Gem and is a most desirable market sort. Pkt. 10c., pt. 25c., qt. 45c., pk. \$1.50; bu. \$5.00.

### MEDIUM AND LATE SORTS.

**Mayfield.** The best main crop variety, grows 3 to 3½ feet high, pods of immense size, frequently containing ten to twelve large, green wrinkled marrow peas of the very best quality and flavor, and produces larger and better crops than any other sort. Pkt. 10c., pt. 30c., qt. 50c., pk. \$2.50.

**May's Midsummer.** This variety should be planted by all gardeners for use during the middle season. Pkt. 5c., pt. 25c., qt. 45c., pk. \$1.50; bu. \$5.00.

**HORSFORD'S MARKET GARDENER**—Pkt. 5c., pt. 20c., qt. 35c., pk. \$1.10; bu. \$3.75.

	Pkt.	Pt.	Qt.	Pk.	Bu.
ADVANCERS—A desirable sort.....	.05	.20	.35	1.10	4.00
ABUNDANCE—Pods, large, round.....	.05	.20	.35	1.10	4.00
CHAMPION OF ENGLAND.....	.05	.20	.35	1.00	3.75
EVERBEARING—For main crop.....	.05	.20	.35	1.10	4.00
PRIDE OF THE MARKET.....	.05	.25	.45	1.60	6.00
STRATAGEMS—Of fine quality.....	.03	.30	.50	2.00	7.50
TELEPHONE—For general crop.....	.05	.25	.45	1.60	6.00
BLACK EYE MARROWFAT.....	.05	.20	.35	.75	2.50
TALL WHITE MARROWFAT.....	.05	.20	.35	.75	2.50

**Mammoth Melting.** The best of the edible podded sorts. Pods are large, tender. Vine 4 to 5 feet high. Pkt. 5c., pt. 20c., qt. 35c., pk. \$1.75; bu. \$6.00.

**British Wonder.** (See page 3.)

VICTOR C. DAVIS, Ellis, Kans., writes:

"The flower and vegetable seed purchased from you some time ago are coming up nicely and are all you claim."

**Alaska.** Extra early, 2 to 2½ feet in height, bearing from 4 to 7 long pods filled with medium sized peas. Pkt. 5c., pt. 20c., qt. 35c., pk. \$1.00; bu. \$3.60.

**First and Best.** A vigorous grower, hardy and very productive; grows about 2½ feet high. Pkt. 5c., pt. 20c., qt. 35c., pk. \$1.00; bu. \$3.50.

### EARLY DWARF SORTS.

**American Wonder.** Dwarf habit, only growing about ten or twelve inches high, but always produces a profusion of well filled pods of the richest flavor. Peas planted in June matured in thirty three days; this is certainly a good record and one that can't be equaled by many varieties. The quick growing healthy habit of American Wonder has made it a great favorite for both market and home gardens. Pkt. 5c., pt. 25c., qt. 45c., pk. \$1.75; bu. \$6.25.

**Tom Thumb.** Very dwarf, height 9 inches. Peas, small, white, round; very productive. Pkt. 5c., pt. 25c., qt. 45c., pk. \$1.60; bu. \$5.75.

**McLean's Little Gem.** The market gardeners' favorite; grows about 15 inches high; the pods are large and peas very sweet. Pkt. 5c., pt. 25c., qt. 45c., pk. \$1.60; bu. \$5.75.

**Nott's Excelsior.** Grows 15 inches high, claimed to be the best wrinkled sort ever introduced. The vines are strong in growth producing pods of large size. Pkt. 5c., pt. 25c., qt. 45c., pk. \$1.75; bu. \$6.50.

**Premium Gem.** A popular sort; grows about 15 inches high; very productive; pods large, well filled. Pkt. 5c., pt. 25c., qt. 45c., pk. \$1.60; bu. \$5.75.

**Surprise or Eclipse.** One of the best of the new wrinkled Peas. It ranks with the very earliest of the wrinkled sorts. The vine grows twenty to twenty-four inches high, requiring no sticks. Its sweetness is noteworthy, and it bears with a profusion that is truly remarkable. Its extreme earliness makes it one of the most profitable sorts for the gardeners to grow. Pkt. 5c., pt. 25c., qt. 45c., pk. \$1.50; bu. \$5.25.



## PARSLEY.

## May's Extra Curled.

(See Cut.) A most desirable free growing variety of medium size, with handsome, bright, pale green leaves that are exceedingly showy. For garnishing and for decorations it surpasses any other varieties. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Champion Moss Curled.** Leaves beautifully curled and crimped. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

**Hamburg.** The fleshy root resembles a parsnip, and is used for flavoring soups, etc., Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

**Fern Leaved.** This beautiful variety is perfect in form and color, and one of the best for garnishing purposes and table decoration. It is of the finest curled type and stands the winter if covered before frost. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

**Plain or Single.** Plain leaves of excellent flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.



Pepper, Chinese Giant.

## PUMPKINS.

**French Prize.** (See Cut.) A giant variety, introduced in this country from France. Just the variety to grow if you want to take First Prize at your County or State Fair this coming season. It grows to an enormous size, single specimens having been known to weigh nearly 300 pounds. Although it attains such a large size, the flesh remains tender, thick and sweet. We have obtained our seed direct from large growers and are headquarters for it in America. Pkt., 10c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

**Mammoth King.** Fruits grow to enormous size, sometimes reaching 2 feet or more in diameter and from 100 to 200 pounds in weight. Salmon orange skin, very thick, bright yellow flesh, which is fine grained, tender and of excellent quality for pies and of splendid quality. It is a wonderful productive sort. Pkt., 5c.; oz., 10c.; ¼ lb., 40c.; lb., \$1.50.

**King of the Field.** (May's.) This is a greatly improved field variety, which is particularly desirable for stock feeding. It attains a good size, the flesh is fine grained, a rich yellow and of excellent quality. It is a wonderful productive sort. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

**Tennessee Sweet Potato.** The best variety for home gardens. They are almost pear shaped growing to a large size; and are slightly ribbed and the skin is of a creamy white. The flesh is thick, of a creamy white color, dry, fine grained and of a sweetish flavor. Vines are enormously productive. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.

**New Golden Ribbed Oblong.** Color rich golden orange with no green ends. Flesh yellow of rich and extra fine quality, fruits average 14 to 20 inches in length; good keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.00.

	Pkt.	Oz.	¼ lb.	lb.
CONNECTICUT FIELD—A standard field sort	.05	.10	.15	.35
CASHAW—Crook neck, very popular	.05	.10	.20	.65
ETAMPES RED—Large flat shape	.05	.15	.40	1.40
GOLDEN OBLONG—Flesh light yellow	.05	.10	.20	.65
JAPANESE PIE—Flesh Salmon Color	.05	.10	.25	.75
LARGE CHEESE OR KENTUCKY FIELD—Popular	.05	.10	.15	.40
MAMMOTH TOURS—Flesh thick and sugary	.05	.10	.20	.75
NEGRO OR NANTUCKET—Yankee pie sort	.05	.10	.20	.65
SUGAR—Early, prolific and very sweet	.05	.10	.20	.60

## VEGETABLE GARDENING.

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**Chinese Giant.** (See Cut.) A very large, fine, mild red pepper. Not only is it immensely productive for so large a pepper, but its enormous size and magnificent appearance make it sell most readily. The plants are vigorous in growth, well branched and thickly set with enormous fruits. Fruits blocky, 4 to 5 inches broad, color brilliant scarlet. Pkt., 10c.; oz., 40c.; ¼ lb., \$1.50; lb., \$5.00.

**Tobasco.** Of tall bush-like growth, producing small, very hot and fiery fruit one inch in length, color vivid scarlet. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.

	Pkt.	Oz.	¼ lb.	lb.
CHILI SMALL—Red and very pungent	.05	.20	.60	\$2.00
GOLDEN QUEEN—Large bright Red	.10	.20	.60	2.00
LARGE BELL—Large bright red	.05	.20	.60	2.00
LONG RED CAYENNE—Hot and pungent	.05	.20	.60	2.00
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**Magnum Bonum.** (See Cut.) A most excellent variety, introduced from Europe. The roots are oblong and grow mostly below the surface. The flesh is simply delicious, being solid, tender and very sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

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A good, half-long variety. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

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A combination of the most potent insecticides and soluble plant food. Guaranteed to kill cabbage lice and worms. 5 lb. pkge., 30c.; 10 lb., 55c.

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Cultivated for its leaf stalks, which are used for tarts and pies, also as a sauce. It is very wholesome and should be grown in every garden. Fine plants can be raised easily and most cheaply direct from the seed.

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**Victoria.** A good market sort, stalks red, very large. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

**Linnaeus.** Very prolific, large, tender and very fine. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

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Parsnip, Magnum Bonum.



Radish, French Breakfast.

**Queen of the Market.** Earliest turnip radish in the market, matures in 20 days. A rapid grower, being ready for use a week or ten days ahead of the Early Scarlet Turnip. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Chartiers White Tip.** A long smooth radish, red above and shading to clear white at the tip, as shown in the illustration. Large, but both brittle and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 45c.

**Triumph Forcing.** A desirable forcing sort. The roots are about the size and shape of Scarlet Turnip, white tipped, forcing, but are creamy white, beautifully marked with spots and dashes of carmine. The tops are small. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Long Scarlet Short Top.** The standard long variety for market and home gardens; root long, growing partly above ground; straight, smooth, rich, scarlet. Very crisp and a quick grower. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 45c.

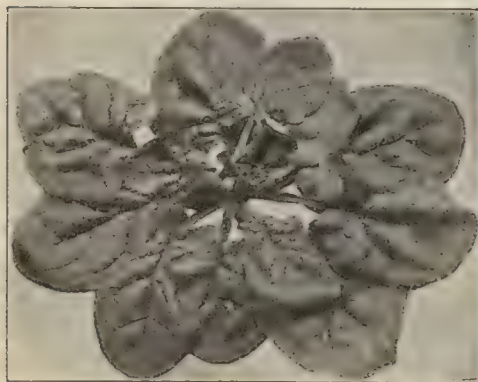
**Icicle.** It is long, slender. The young radishes are ready for use in from 20 to 22 days from sowing the seed, and are fresh, crisp and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**White Delicacy.** An improvement on the White Strasburg being earlier, more evenly shaped, and smaller top; grows into full size and perfect shape during the hottest weather; for outdoor early fall sowing it is sure to make a crop. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**Crimson Giant.** (See back cover page.) Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

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In 10 pound lots or over we will supply Spinach seed of the following sorts: Round Thick Leaf, Long Standing, Prickly Seeded, Victoria, Viroflay or Bloomsdale at 20c. per pound by express or freight. Purchaser pays the charges.



Spinach, Perfection Curled.

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**French Breakfast.** Oblong shape, rapid growth, very mild and tender, beautiful scarlet color tipped with white. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

**Scarlet Globe.** On account of its very attractive color and shape, it sells better than most other sorts. It is one of the earliest; in flavor it is mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

**Rosy Queen.** Valuable for forcing or open ground culture. It ripens almost as early as Queen of the Market and has a very small top, so that it may be planted very close. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.



Queen of the Market.



Radish Chartier White Tip.



Radish, Scarlet Globe.

**Wood's Early Frame.** (FORCING.) A splendid long radish of a bright scarlet color. The flesh is mild, tender and of excellent quality. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

**Scarlet Turnip, White Tip.** An extremely quick growing sort; bright scarlet, with a white tip; short tops and thin tails; of excellent quality. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

### Turnip Shaped Sorts.

	Pkt.	Oz.	¼ lb.	lb.
DEEP SCARLET—(Forcing)	.05	.10	.15	.50
SCARLET TURNIP — Very early	.05	.10	.15	.45
WHITE TURNIP — Pure white	.05	.10	.15	.50

### Olive Shaped Sorts.

	Pkt.	Oz.	¼ lb.	lb.
CARMINE EXTRA EARLY	.05	.10	.15	.50
SCARLET OLIVE SHAPED	.05	.10	.15	.50
WHITE OLIVE SHAPED	.05	.10	.15	.50

### Long Red Sorts.

	Pkt.	Oz.	¼ lb.	lb.
CINCINNATI MARKET	.05	.10	.15	.50
LONG BRIGHTEST SCAR-LET	.05	.10	.15	.50
PARIS BEAUTY	.05	.10	.15	.50

### Long White Sorts.

	Pkt.	Oz.	¼ lb.	lb.
NAPLES—Fine flavor	.05	.10	.15	.50
LADY FINGER — Long, slender	.05	.10	.15	.50

### Summer Sorts.

	Pkt.	Oz.	¼ lb.	lb.
PHILADELPHIA WHITE BOX	.05	.10	.15	.50
LARGE WHITE TURNIP	.05	.10	.15	.50
STRASBURG WHITE	.05	.10	.15	.45
STUTTGART WHITE	.05	.10	.15	.50

### Winter Sorts.

	Pkt.	Oz.	¼ lb.	lb.
BLACK SPANISH LONG	.05	.10	.15	.50
BLACK SPANISH ROUND	.05	.10	.15	.50
CALIFORNIA WHITE MAMMOTH	.05	.10	.15	.50
CHINA ROSE—Rose color	.05	.10	.15	.50
CHINA ROUND SCARLET	.05	.10	.15	.50

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**Long White.** Roots medium size, smooth, flesh white. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

**Mammoth Sandwich Island.** Larger, stronger growing and less liable to branch than the above. Invaluable to market gardeners. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.00.

## SPINACH.

**May's Perfection Curled.** (See Cut.) A splendid large variety, with large, thick, finely curled leaves produced in large numbers. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**Curled Bloomsdale.** Large, curled and wrinkled; leaves tender. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 35c.

**Long Standing.** Dark green; leaves large and thick, fine for spring sowing. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 30c.

**Round Thick Leaf.** Leaves large, dark green, for fall or spring sowing. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 30c.

**Victoria.** Extra dark black green leaves. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 30c.

**Viroflay.** The favorite market gardeners' sort. Pkt., 5c.; oz., 10c.; lb., 30c.

**New Zealand.** Produces large quantities of leaves throughout the season, and can be cut continuously. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

## SQUASH.

## SUMMER VARIETIES

## Crookneck Yellow.

Plants of true bush growth, very early fruiting and productive. The squashes are of the popular crookneck type, rich golden yellow, thickly warted. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**White Bush. SCALLOPED.** This is the white Pattypan or "Cyming" of the South. The plants are of true bush growth, producing fruit ready for use very early in the summer. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Yellow Bush. SCALLOPED.** (Yellow "Patty Pan.") This is similar in growth and fruit to preceding, but has skin of a deep orange. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.



Golden Hubbard.

## SQUASH.--Winter Varieties.

**Golden Hubbard.** (See Cut.) The best fall and winter squash. except in color, which is bright orange red, very showy and attractive. The fruits are uniform in size, weighing from 6 to 8 pounds, and in shape are like the green Hubbard. The flesh is deep orange, very dry, fine grained and of excellent flavor. Fruit matures very early. Their keeping qualities are fully equal to the green variety. Vines vigorous, productive. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

**True Hubbard.** This is the well known winter squash, now grown so largely throughout the country. Vines of strong running growth; fruits large olive shape, with dark green skin and very rich flesh. An excellent keeper and of splendid quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Warted Hubbard.** This is similar in size and quality to the well known Hubbard, while the large dark olive green fruits are rather more heavily warted. Very handsome in appearance; an excellent keeper and of splendid quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Mammoth Chili.** Largest of all squashes. Round, flattened at the ends. Rind deep orange; flesh dark yellow, thick and nutritious. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

**Boston Marrow.** This is a widely popular squash for Autumn and Winter use. Its color is a bright orange. Flesh yellow, rich and sweet. Form oval, the skin is thin, but it is a good keeper and unexcelled for pies. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Sibley, or Pike's Peak.** Popular late sort. Skin smooth, color pale green; flesh thick. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

## Tomato Seed. German--Liebesapfel

## GOOD TOMATO SEED.

There is probably no garden plant in which more rivalry is displayed by market gardeners and others to produce an early and good crop than the tomato, for the reason there is always a greater demand for this desirable vegetable than with any other, and at good prices. We offer carefully selected stocks, our own growth from the best plants and not the refuse or "culls" as is often the case of the market patch.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
ACME—Medium size, smooth, purplish pink	.05	.20	.60	2.00
ATLANTIC PRIZE—Extra early, bright red	.05	.20	.60	2.00
BEAUTY—Large, smooth, dark purplish red	.05	.20	.60	2.00
CHAMPION DWARF—Quite distinct, early	.05	.25	.75	2.25
CRIMSON CUSHION—Extra large, crimson	.10	.25	.85	3.00
EARLIANA—Extra early, fruits large, red	.10	.25	.85	3.00
FREEDOM—Early, regular and uniform	.10	.25	.85	3.00
ENORMOUS—A large, new, smooth, deep red	.10	.25	.85	3.00
MANGUS—Medium early, perfect in form	.05	.20	.60	2.25
MICHIGAN EARLY—Fruits smooth, uniform	.05	.20	.60	2.00
MINNESOTA QUEEN—Extra Early	.05	.20	.75	2.50
NEW CENTURY—Fruit dark scarlet	.05	.20	.60	2.00
PERFECTION—Fruits large, round, smooth	.05	.20	.60	2.00
PONDEROSA—Largest sort in cultivation	.05	.25	.85	3.00
ROYAL RED—Fruits large, bright red	.05	.20	.60	2.00
FAVORITE—Early, large blood red	.05	.20	.50	1.75
TROPHY—Very large, later sort	.05	.20	.50	1.75
NEW STONE—Bright scarlet	.05	.20	.50	1.75

**Strawberry or Husk.** Plants of low spreading growth, and immensely productive. The small yellow fruits are each enclosed in a husk or covering. When ripe the fruits are half an inch in diameter, bright yellow, and of very sweet flavor, highly esteemed for preserving or making pies. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.50.

## Small Fruited Sorts.

**Cherry Red.** Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.50.

**Cherry Yellow.** Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.50.

**Pear Red.** Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.50.

**Pear Yellow.** Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.50.

**Plum Red.** Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.50.

**Plum Yellow.** Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.50.



Matchless.

**Matchless.** (See cut.) A bright red, main crop variety. A splendid keeper and shipper. Less liable to crack in wet weather than most sorts. Fine for market or table. The plant is a strong grower. The fruits are large, perfectly smooth, free from core, with very small seed cavity. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Extra Early Tree.** A splendid tomato. Many large growers prefer it to any other sort on account of its earliness and quality. Fruit round, smooth, medium size. Another point that particularly recommends it is the fact that it requires no support even when laden with fruit, the stiff branches holding the tomatoes far above the ground. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Peach.** This is a distinct and very attractive tomato for preserving, eating from the hand or table. Fruit resembles a peach in shape, size and color and is covered with a delicate bloom, which makes the resemblance more striking; flesh tender and of good flavor. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.50.

**May's First of All.** (See cover.) Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00.

AMOS HOLT, Lititz, Pa., writes:

"Received the Potatoes ordered from you all right and in good condition and I am well pleased with them."





## RUTA BAGAS FOR STOCK

All kinds of stock relish Ruta Bagas and thrive upon them when in combination with hay. They also make excellent pasture for sheep during the Fall months.

**May's Improved Purple Top.** (See Cut.) It is the hardiest, most productive and nutritious variety in cultivation. Flesh yellow, of solid texture, sweet and well flavored; shape slightly oblong, terminating abruptly; color deep purple above and bright yellow under ground; leaves small, with little or no neck. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 50c.

**Monarch Swede.** (See Cut.) The largest and heaviest yielding yellow fleshed sort, grown extensively for stock feeding, keeping qualities unsurpassed; It produces large, oval-shaped roots; flesh very solid, fine grained, and will keep solid and hard much longer than the small varieties. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.

**Imperial Hardy.** The well-known standard strain. The roots grow to a large size and have a comparatively small top, with a single slender tapering root. The skin is a rich purple above the surface, deep yellow below; flesh solid and of rich flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 50c.

**CARTER'S HARDY**—Purple top, yellow flesh.

**LARGE SWEET GERMAN**—Grows large, flesh white.

**LAING'S PURPLE TOP**—One of the earliest yellows.

**SKIRVING'S PURPLE TOP**—Heavy cropper, good keeper.

**WHITE FRENCH**—Large and productive, flesh hard.

**WHITE SHAMROCK**—Flesh white, solid, firm.

**MAY'S ELEPHANT**—A large and heavy yielder.

Pkt., 5c.  
oz., 10c.  
 $\frac{1}{4}$  lb., 15c.  
lb., 40c.

## GARDEN TURNIPS, White and Yellow Fleshed.



Purple Top Strap Leaf Flat.

### Purple Top Strap Leaf Flat.

(May's) This is an early variety and a great favorite for table use; in form it is flat like a broad disk, and of medium size; color purple or dark red above ground, white, fine grained and tender; leaves few, entire, upright in growth. The seed we offer is saved from carefully selected bulbs. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.

**Model White.** Flesh white, solid fine grained and entirely free from the coarseness so often found in this class of vegetable. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Crystal White.** The best variety ever introduced for table use. Flesh is solid, crisp, fine grained and sweet, and is almost round. In ordinary seasons it will mature in six weeks. If you wish a splendid table turnip, you will find the Crystal White all that can be desired. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.

**Snowball or Six Weeks.** A very rapid growing, small variety that will mature in forty days from sowing of seed. Flesh sweet and tender. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 50c.

**Golden Ball.** Rapid grower, globe shaped, bright yellow, good keeper, superior table variety or for stock. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.

**Berlin, or Teltow.** Small, spindle shaped variety that is largely grown for flavoring soups. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 50c.



By express deduct 10 cents per pound.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
EARLY WHITE FLAT DUTCH STRAP-LEAVED	\$0.10	\$0.15	\$0.40
EXTRA EARLY PURPLE-TOP MILAN	.10	.20	.60
EXTRA EARLY WHITE MILAN	.10	.20	.60
RED-TOP WHITE GLOBE	.10	.15	.40
WHITE GLOBE STRAP-LEAVED	.10	.15	.40
WHITE EGG—Of handsome oval form	.10	.15	.50
LONG WHITE OR COW HORN	.10	.15	.40
POMERANIAN WHITE GLOBE	.10	.15	.40
LARGE YELLOW, OR AMBER GLOBE	.10	.15	.40
YELLOW ABERDEEN—For both table and stock	.10	.15	.40
SEVEN-TOP—Favorite in the South for forage	.10	.15	.40

Each variety, 5 cents per packet.

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NORTHERN  
GROWN

SEED CORN

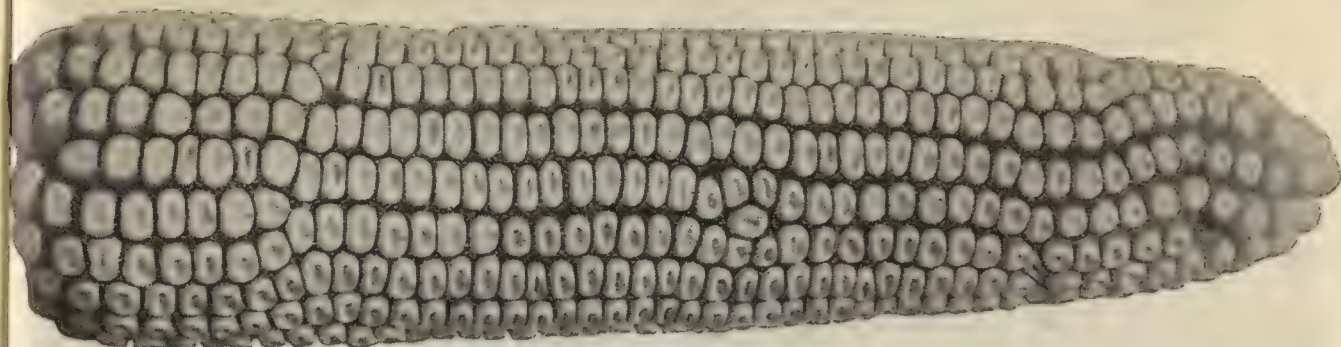
HAND-PICKED.  
FIRE-DRIED.

We would call the attention of farmers to the need and importance of procuring GOOD SEED CORN. The stocks we offer has been especially grown for seed, and every variety we catalogue has been properly cured and carefully selected for seed stocks. In our list will be found all the standard sorts, as well as the newer varieties of recognized merit; so that our customers may be enabled to choose seed corn of the desired TYPE.

PRICES QUOTED ON FARM SEEDS by the pound include the prepayment of postage. Larger quantities we do not deliver free, but send by express or freight at purchaser's expense, making no charge for packing, cartage, bags or delivery to any railroad station or express office in St. Paul.

A WORD AS TO PRICES. Farm seeds fluctuate in value, the prices given are those ruling at the time this catalogue was printed, Jan. 1st, should any appear high when ready to buy, Write us, stating varieties and quantities wanted, and we will make special prices based on their market worth.

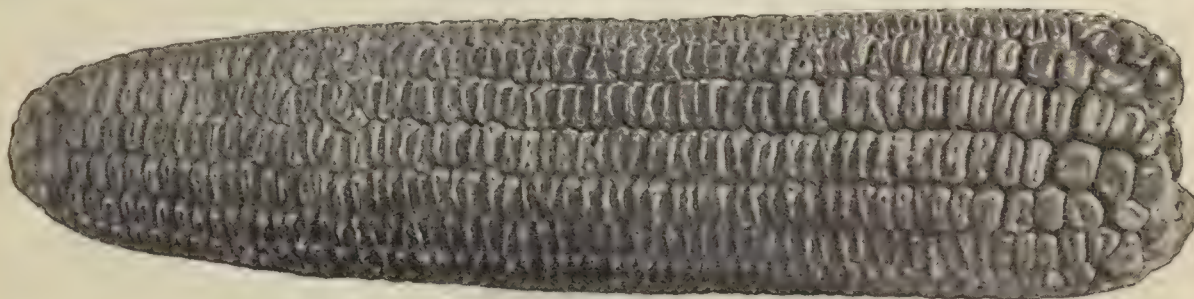
NOTE—We pay particular attention to this department of our business. These seeds are selected with special reference to their quality. Customers may rely on our exertions to furnish all seeds fresh, pure and free from noxious or foreign seed. The seed we offer is all re-cleaned by the best up-to-date machinery.



Mayfield Earliest. (Engraved from a photograph.)

**Mayfield Earliest.** (See Cut.) Minnesota Grown. A new Drought Proof, White Dent Corn. It is the Earliest, Hardest, Most Productive ever introduced, and will prove of inestimable value to the farmers of the northwest. The plant is strong, deep rooted and stocky, enabling it to withstand drought in a remarkable manner. Matures 80 days from planting. The kernels are very deep, the cob small. It will yield more shelled corn per acre than any variety we have ever known. Ears of medium length, 14 to 16 rows. Lb., 25c., pk., 60c.; bu., \$2.00; bag (2½ bu.) \$4.75.

**Minnesota Number 13.** is an early yellow dent variety introduced by Prof. Hays, the widely known agriculturist of our Minnesota Experimental Station. Our original stock seed was procured from the originator direct. We have grown this variety for the past few years, never failing to secure a large crop. It is full yellow dent, with kernels packed closely on the cob, well filled from tip to butt. Will ripen in 85 days. Lb., 25c.; pk., 50c.; bu., \$1.75; bag (2½ bu.) \$4.00.



Abundance.

**Abundance.** (See Cut.) The most productive, large eared, yellow dent. Ears 10 to 12 inches long, well filled to the tip with from 14 to 18 rows of very long, rich, golden yellow kernels. IT MATURES in from 90 to 95 days from planting, rendering it early enough for all corn sections. Even in the extreme north, if planted in May, it will mature before September 1st. Lb., 25c., pk., 50c.; bu., \$1.50; bag (2½ bu.) \$3.50.

**Northwestern Dent.** (80 Days.) Minnesota Grown. A ten-rowed sort. Grows strong, rank, quick, and makes a fine appearing shelled corn. The grain is of a bright yellow color, and with us this variety produced fully ripened ears in eighty days. It is excellent for cool, short seasons for the extreme north. Lb., 25c., pk., 50c.; bu., \$1.75; bag (2½ bu.) \$4.00.



Extra Early Dakota Queen.

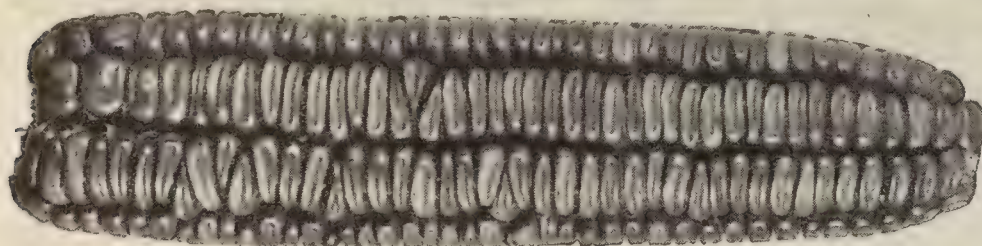
**Extra Early Dakota Queen.** (See Cut.) Minnesota Grown. A Valuable Variety for the Northern States. Ripens in about 85 days from planting. It is, beyond doubt, the earliest Dent Corn ever introduced. It is of a bright yellow color, small ear and cob, with a very long deep grain. Lb., 25c.; pk., 50c.; bu., \$1.50; bag (2½ bu.) \$3.50.

**Pride of the North.** (90 Days.) Minnesota Grown. A valuable variety for the North; matures early. Planted as late as July 4th it has matured by October 1st. The ears are from 8 to 10 inches long, 14 to 16 rowed. The kernels are closely set and of a light orange color. Stalks six to eight feet. Lb., 25c., pk., 50c.; bu., \$1.50; bag (2½ bu.) \$3.50.

**IMPROVED MASTODON CORN.** THE EARLIEST OF ALL THE LARGE EARED VARIETIES. HAS A RECORD OF 213 BU. OF SHELLED CORN TO THE ACRE.

Mastodon.

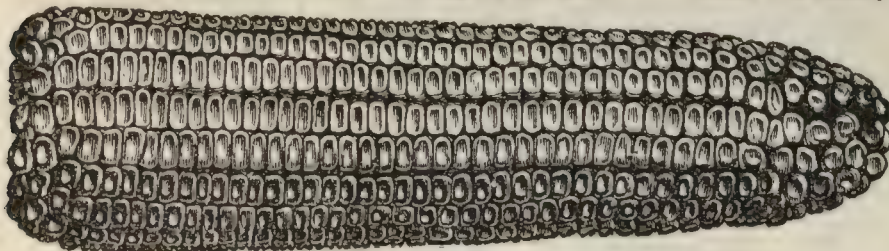
The seed we offer of this variety is grown at our Mayfield Seed Farms, substantiating the fact that this sort will mature as far north as the central part of Minnesota. The Mastodon corn has the longest grains and largest ears of any 100-day corn in cultivation and will outyield any corn in the world. We have each year carefully selected our stock of this corn, and to obtain the genuine pure stock direct from the originator buy only of us. Some ears weighing 2 lbs. each and the most handsome shape ever seen. We do not think too much can be claimed for this wonderful variety. Lb., 25c. postpaid; pk., 50c.; bu., \$1.50; bag (2½ bu.) \$3.50; 10 bu., \$14.00.



Minnesota King.

**MINNESOTA KING.**

Minnesota grown. A famous half dent eight-rowed corn. This was introduced a number of years ago and has steadily increased in favor, since its introduction, and we consider it one of the most valuable sorts ever grown for the Northern States. While there are many varieties that in good years will yield as much as Minnesota King, there are very few, we think, that will, year in and year out, produce as heavy a crop as this sort. The ears are quite large, cobs small, kernels yellow, broad, long and set very closely on the cob. Lb., 25c., postpaid; pk., 50c.; bu., \$1.50; bag (2½ bu.) \$3.50.



Improved Leaming.

**IMPROVED LEAMING.**

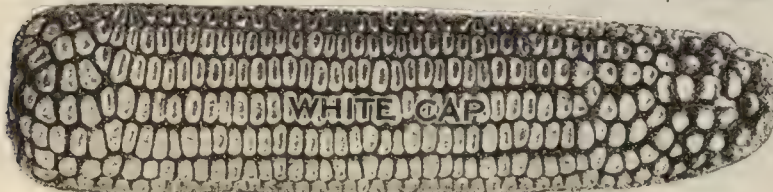
(See Cut.) (90 Days.) Minnesota grown. A carefully improved strain of the old variety. By careful selection from year to year we have produced this new strain. The ears are very large and handsome, with deep, large grain, of an orange yellow color, cob red, stalks medium size, tapering gradually, generally producing two good ears each. Lb., 25c., postpaid; pk., 40c.; bu., \$1.40; bag (2½ bu.) \$3.25.

**WHITE CAP YELLOW DENT.** (See cut.)

A corn for thin soils and drought stricken sections. Ears large, 16 to 18 rowed. Stalks stout, 6 to 7 feet high, with abundant foliage. Ears average 8 to 10 inches in length, cobs small. Lb., 25c., postpaid; pk., 40c.; bu., \$1.40; bag (2½ bu.) \$3.25.

**SURE CROP.** (Minnesota grown.)

For illustration see inside cover. Lb., 25c., postpaid; pk., 60c.; bu., \$2.00; bag (2½ bu.) \$4.75.

**Earliest of All, May's.**

(80 Days.) Minnesota grown. One of the earliest of the yellow dent sorts. 10 to 12 rowed. Well adapted to heavy and light land. Lb., 25c., postpaid; pk., 60c.; bu., \$2.00; bag (2½ bu.) \$4.75.

**King of the Earliest.**

(85 Days.) Minnesota grown. Ears from 7 to 9 inches long, very deep soft grain and small red cob. 12 to 16 rowed. Valuable for the extreme North. Lb., 25c., postpaid; pk., 50c.; bu., \$1.50; bag (2½ bu.) \$3.50.

**Early Golden Dent.** (100 Days.) Ears of good size, of a bright golden yellow color. 12 rowed. Lb., 25c., postpaid; pk., 40c.; bu., \$1.40; bag (2½ bu.) \$3.25.

**Golden Beauty.** (110 Days.) The ears of perfect shape, with low grains, remarkable for their size. The cobs are well filled to the extreme end. Lb., 25c., postpaid; pk., 40c.; bu., \$1.40; bag (2½ bu.) \$3.25.

**Golden Surprise.** (90 to 100 Days.) Beautiful in its rich, golden color and even size from butt to tip of ear. Profitable in its depth of grain and small percentage of waste of cob. Lb., 25c., postpaid; pk., 40c.; bu., \$1.40; bag (2½ bu.) \$3.25.

**Huron Dent Extra Early.**

(90 Days.) Minnesota grown. Grain deep golden yellow and large, while the cob is very small. Lb., 25c., postpaid; pk., 50c.; bu., \$1.50; bag (2½ bu.) \$3.50.

**Iowa Gold Mine.** (90 Days.) A medium early large yellow dent that is valuable for parts of Iowa and the Middle States. The grain is deep, a golden yellow color, ears of good size, cob small. Lb., 25c., postpaid; pk., 40c.; bu., \$1.40; bag (2½ bu.) \$3.25.

**WHITE DENT SORTS.**

**Bonanza.** Unequaled for the middle and southern states; yields heavily on all soils in the worst years. The grains are of an enormous size, broad, quite deep, and the cob is so small that the kernels will completely cover the cob when the ear is broken in half. The stalks bear from two to three large ears, and it has never been known to have barren stalks, no matter how thin the soil may be. All ears are well filled out to the extreme end. It shells and shucks easily, and in sections where it can be properly grown will produce more shelled corn to a given amount of ears than many of the so-called heavy yielding varieties. It usually takes about 15 weeks for this corn to mature. Lb., 25c.; pk., 50c.; bu., \$1.50; bag (2½ bu.) \$3.50.

**Champion White Pearl.** (90 Days.) A pure white dent, small, white. The grain is extra long, very heavy and compact. Lb., 25c., postpaid; pk., 50c.; bu., \$1.40; bag (2½ bu.) \$3.25.

**Hickory King.** A mammoth white dent that is wonderfully productive; one of the best sorts for the Middle and Southern states. Will mature in about 110 days from time of planting. Lb., 25c.; pk., 50c.; bu., \$1.50; bag (2½ bu.) \$3.50.

**Minnesota White Dent.** An excellent early white dent sort. Ears good size, kernels long, deep, growing very compact. Lb., 25c., postpaid; pk., 50c.; bu., \$1.75; bag (2½ bu.) \$4.00.

**Snow White Dent.** (100 to 110 Days.) Combines large size, compactness and smoothness of grain, with sure maturity; ears medium. Lb., 25c., postpaid; pk., 50c.; bu., \$1.50; bag (2½ bu.) \$3.50.

**Iowa Silver Mine.** A standard variety of White Dent remarkable for its large yields. Lb., 25c., postpaid; pk., 40c.; bu., \$1.40; bag (2½ bu.) \$3.25.

## EXTRA EARLY FLINT VARIETIES.

**Mercer.** (Extra early yellow flint.) Prolific, good size ear and small cob. Has been grown in Northern Minnesota and North Dakota for the past ten years with great success and complete satisfaction. Average season of maturity 80 days. Has yielded 164 bushels of good, round ears to the acre; ears average 10 inches in length, 12 to 14 rowed, well filled out to the tips; a rich golden yellow color. Lb. 25c., pk. 60c., bu. \$1.75, bag (2½ bu.) \$4.00.

**Sanford's White.** It is quite early, with large sized ears. Lb. 25c., pk. 50c., bu., \$1.60, bag (2½ bu.) \$3.75.

**Triumph.** Our Triumph Corn is a very early flint variety, very bright yellow in color, maturing in from 80 to 90 days. Ears average about 18 inches in length (about 3 inches longer than the Mercer), 14 to 16 rowed. The kernels are large, and the stalks of good height. The ears average two to a stalk, growing well up so as to readily admit of being cut by the harvester. Lb. 25c., pk. 50c., bu. \$1.75, bag (2½ bu.) \$4.00.

**Compton's Early.** Early, prolific. Very large ears, averaging 9 to 15 inches in length, 12 to 14 rowed, well filled out to the tips, a rich golden yellow color; small cob, has matured in 75 days from time of planting. Lb. 25c., pk. 60c., bu. \$1.75, bag (2½ bu.) \$4.00.

**King Philip.** An extra early red flint, valuable for the North; matures in 90 days. A sure cropper on poor land. Ears 8 rowed and from 9 to 12 inches long. One of the best and most reliable sorts. Lb. 25c., pk. 50c., bu., \$1.50, bag (2½ bu.) \$3.50.

**Longfellow.** A variety that is particularly adapted to the North. It is an eight rowed sort, with ear 12 to 15 inches in length and about 1½ inches in diameter, small cob large kernel and very broad. Lb., 25c. pk. 50c., bu. \$1.50, bag (2½ bu.) \$3.50.

# THE GREAT YELLOW FLINT CORN, PRIDE OF CANADA

THE CORN FOR THE EXTREME NORTH.

The greatest of all the flint varieties. Ears long, of rich yellow color. Enormously productive, out yielding any field corn we have ever grown. Will prove to be of the greatest value to the farmers of the far North. Ripens earlier than any of the flints. Don't fail to try it if you want a big yielding flint corn. Lb. 25c., 3 lbs. 70c., postpaid; pk. 50c., bu. \$1.75, bag (2½ bu.) \$4.00.



## ENSILAGE AND FODDER CORN.

**Cuban Giant Ensilage.** Unequaled in yield and unsurpassed in quality. The grains are pure white and very large, broad and long, and very showy, and of stronger vitality than any variety in cultivation—a very strong point in its favor. The fodder grows on the stalks in great quantities, and of the finest flavor. It is the best milk producer of all the field ensilage corns, being almost as sweet and tender as sugar corn. It will outyield the Red Cob Ensilage Corn, and is more valuable because some ten or twelve days earlier. Lb. 25c., 3 lb. 70c., postpaid; by express or freight, pk. 40c., bu. \$1 10.

**Red Cob Ensilage.** A large, white, heavy cropping variety, producing from fifty to seventy tons per acre. The fodder is sweet, tender, juicy and said to contain more nourishment than any other variety. It grows from 14 to 15 feet in height. Lb. 25c., postpaid; pk. 30c., bu. 90c., bag (2½ bu.) \$2.10.

**White Cob Ensilage.** A pure white fodder corn; ears of an immense size, making it a very good variety for feeding cattle during the winter months. Lb. 25c., postpaid; by express or freight, pk. 30c., bu. 90c., bag (2½ bu.) \$2.10.

**Sweet Fodder Corn.** An increasing demand has made us select what we believe to be a variety unsurpassed for fodder. It is a rapid growing corn with a great abundance of leaves, wonderfully tender stalks, and gives by far the greatest yield per acre. Every farmer and dairyman knows the value of a good crop of fodder corn for feeding cattle during the winter months. We have carefully tested our Superior Fodder Corn and find that it gives almost double the nourishment of common varieties. Price by express or freight, pk. 50c., bu. \$1.50.

**Brazilian Flour Corn.** (See Cut.) One of the greatest novelties ever introduced. Originated in Brazil, where it constitutes the principal food of the inhabitants. It is truly a marvelous plant. It grows 8 feet high, and from a kernel sends enough stools to produce 100 ears. Its strong points are: 1—Twenty-five barrels of flour can be grown from 1 acre, and this flour is of as fine a grade as is made of Dakota hard wheat, which is five times as much as wheat produces per acre. 2—The bread and biscuits baked therefrom are fully as palatable as from any flour known. 3—When boiled in a green state it has no superior among Sweet Corn, while its yield is thrice that of Sweet Corn. 4—Matures in all latitudes where corn ripens. 5—Cultivate as you would corn, allowing two kernels to a hill. 6—On our own grounds it yielded at the rate of 100 tons per acre of green fodder, of the most delicious, sweet, tender, juicy, nutritious food we have ever seen. Indeed, it seems as though this will soon rank as the greatest fodder-producing plant in the world. 7—It makes flour in quality equal to wheat. Of course it is not so white, but oh, what delicious cakes and rolls and biscuits! Can be ground on a Family Grist Mill.

Prices of Brazilian Flour Corn—Pkg. 10c., pt. 30c., qt. 50c., postpaid; pk. 75c., bu. \$2.50, 2½ bu. \$6.00.

MRS. F. M. SMITH, Clifford, N. Dak., writes:

"I wish to thank you for your fair business methods; received in yesterday's mail 21 fine large Tomato plants. They came in fine condition and with no delay."



Brazilian Flour Corn.



Blue Stem Wheat.

very heavily, producing enormous crops of No. 1 hard. Lb., 25c., postpaid; pk., 50c.; bu., \$1.60; 10 bu., \$15.00.

**Pedigree Blue Stem Wheat.** Improved. Yields heavily, not only here at home in the Northwest, where wheat is the main crop, but everywhere and under all conditions. The heads are very large and well filled, the kernel is hard and the plant stools freely, and under ordinary conditions will yield 40 to 50 bushels per acre. Lb., 25c., postpaid; pk., 50c.; bu., \$1.60; 10 bu., \$15.00.

**Saskatchewan Fife Wheat.** Noted for its earliness, vigor and freedom from smut and all diseases. The kernels are hard and flinty, whereby it is recognized as an A No. 1 milling wheat, adapted to all states where wheat can be grown. Lb., 25c., postpaid; pk., 50c.; bu., \$1.60; 10 bu., \$15.00.

**Macaroni Spring Wheat.** It is not only true that Macaroni Wheat can be grown in dry districts, but they must be grown there in order to produce the best quality of grain. Seeded April 26, it was ripe, cut, threshed and in the granary August 6. The shorter the period required for a wheat to grow the more valuable it will be to a locality subject to summer droughts and hot winds. This wheat gives the best results on new land. Sow at the rate of 1½ bushels per acre. Lb., 25c., postpaid; pk., 40c.; bu., \$1.50; 10 bu., \$14.00.

**Rye, Spring Dakota Mammoth.** Its greatest value lies in the fact that it may be used as a catch crop, to sow where winter grain has been a failure. Sow at the same time you do spring wheat, at the rate of 1½ bushels per acre. Lb., 25c., postpaid; pk., 40c.; bu., \$1.20; 10 bu., \$10.00.

**May's Early Wonder Wheat.** (See 3rd cover page.)

F. E. STROUT, Leeds Junction, Maine, writes:

"I have received the seeds ordered of you all right and in good condition."



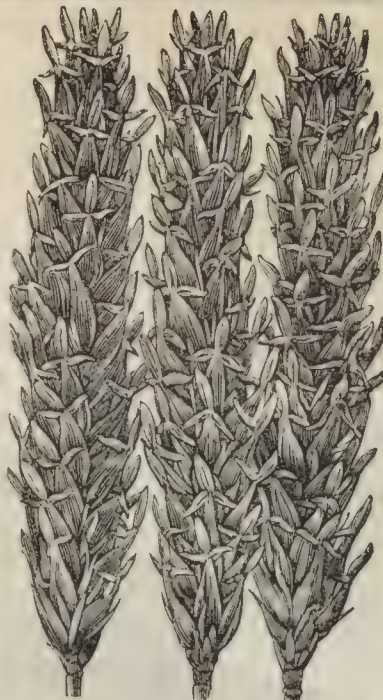
Macaroni Wheat.

Speltz or Emmer.

### Minnesota Wheat No. 163.

Originated at State Experimental Farm, and was

introduced by us two years ago. The heads are long, well filled with medium sized, plump kernels. Flour made from this variety shows a higher gluten test than most sorts. The straw is medium height, very strong and wiry, never known to lodge or rust. It stools



New Beardless Barley.

**New Beardless Barley.** The earliest barley known; if sown the 20th of March will ripen about the 28th of June; straw same length as common barley; will stand up on any land; has produced 80 bushels per acre. Sow as early as you can, frost will not hurt it. It is beardless and handles as easily as oats, and makes a stronger feed. Lb., 20c., postpaid; pk., 40c.; bu., \$1.25; 5 bu., or over, \$1.10 per bu. by express or freight.

### Highland Chief Barley.

A new and distinct two-rowed variety. A very robust, vigorous grower. Straw strong, upright; yields from 50 to 60 bushels per acre; usually weighs over 50 pounds to the measured bushel. Lb., 20c., postpaid; pk., 30c.; bu., \$1.15; 5 bu., or over, \$1.00 per bu., by express or freight.



Barley Manshury.

Spring Rye.

**Manshury Barley.** The famous variety so highly recommended by Prof. Henry, of the Wisconsin Agricultural College. We believe no variety ever introduced has given such perfect satisfaction in all parts of the country as Manshury Barley. Professor Henry says in his report that Manshury still heads the list in productiveness. Yields of from 60 to 50 bushels per acre are often reported. A leading farmer of Northville, S. D., reports 240 bushels of Manshury Barley on 5 acres. The heads are long, filled with plump kernels, and the straw is extra strong. It is a six rowed variety, and tested with other sorts sold at high prices, it has outyielded all of them, and we believe it the very best sort that can be grown for general crop. Lb., 20c., postpaid; pk., 30c.; bu., 85c.; 5 bu., or over, 80c. per bu. by express or freight.

MRS. JOHNSON SINDER, Webb City, Mo., writes:

"Received seeds ordered from you in good order and was well pleased with them."

### SPELTS OR EMMER.

It makes a good crop with almost any condition of soil and climate.

It is neither wheat, rye, nor barley, and yet it appears to be a combination of these. It is more like wheat than any of the others mentioned. For fattening cattle, poultry, horses, sheep, pigs, etc., it is claimed to be ahead of other grains; in fact all kinds of animals seem to thrive on it. Speltz is claimed to be ahead of corn, superior to oats and more profitable than wheat. Yields 80 to 100 bushels of richer food than corn, besides giving as much as 4 tons of good hay per acre. Excellent for pasture and can be fed in the green state. As green grass hay food it often gives 100 leafy stalks from one seed, which shows its heavy stooling properties. The heads are somewhat similar to two-rowed barley, the spikelets being separated from each other in such a manner that the crop is not easily injured by the weather. It is a heavy yielder. Will grow well and produce enormous crops on land where wheat will not grow. Pkt., 10c.; lb., 20c. postpaid; 25 lbs., 85c.; 40 lbs., \$1.00; 100 lbs., \$1.75; 500 lbs., \$7.50.

## A SINGLE HEAD BONANZA KING OATS.

Grows to a height of  
4½ feet.



Bonanza King Oats.

## BONANZA KING OATS.

A VERY PROLIFIC AND DISTINCT VARIETY—  
YIELDS 100 TO 140 BUSHELS PER ACRE.

The straw is very stiff, supporting long heads that stool freely and yield remarkably. The original seed stock was selected from a crop that weighed over 45 pounds to the measured bushel. The grain is as heavy as any in existence today, and numerous tests prove it far superior to any white oats in cultivation. The Bonanza King has been carefully selected and improved for several years until it now stands with a record that has never been equalled. We hope to supply all our customers who want to change their seed and every farmer knows that change of seed is a great benefit, and, as long as such a grand variety can be had at as low a price, we believe it is to their advantage to do so. Order early, as there are promises to be an extraordinary large demand this spring. Lb., 25c., postpaid; pk., 35c.; bu., \$1.00; 10 bu., \$8.50.

## Black Tartarian Oats.

The most prolific and distinct variety of black Oats ever introduced. Many farmers are convinced that Black Oats are more reliable croppers than white, which is to a certain extent true, as they will endure more hardships and exposure and still make a good crop. These oats are the result of an importation of seed from England several years ago, where black oats are much preferred and about three times as many are grown as of white oats. They are fully as good as the white sort for feeding, and are very early. The straw is very stiff, the heads are long, and yield heavy crops of grain, weighing thirty-five to forty-five pounds to the measured bushel. Claimed by many to be almost drought proof.

Our seed has been carefully grown. They have always been free from rust, mainly on account of vigorous growth and early maturity. Lb., 25c., postpaid; pk., 35c.; bu., \$1.00; 10 bu., \$8.50.

**Golden Cluster.** The original seed of this sort was obtained direct from Scotland, and was carefully planted and grown by us. It proves to be very hardy and a vigorous grower. In height it averages about the same as our famous Scottish Chief. The straw is very stiff, and is never known to lodge. It has a record of yielding 105 bushels to the acre, when other varieties in the same field yielded only 50 to 60 bushels. The seed we offer of this sort is grown by us, therefore the genuine. Lb., 25c., postpaid; pk., 35c.; bu., \$1.00; 10 bu., \$8.50.

**Lincoln Oats.** This new oat has done remarkably well in all sections. It is very early and thus far proved to be rust proof. It has given wonderful results as a yielder; in one instance 170 bushels were grown from one bushel of seed. Straw is stiff and strong. Grain is handsome and is valuable for feeding as well as grinding for oatmeal, on account of its thin hull and heavy meat. Lb., 25c., postpaid; pk., 35c.; 10 bu., \$6.00.

**SCOTTISH CHIEF OATS.** (See 3d Cover page for prices.)

**New Oat University No. 6.** The Minnesota State Experiment Station has for some years been breeding new varieties of oats and the variety here offered as University No. 6 is its **Record Breaker** for yield. Side by side with other leading sorts in the tests, made under the direction of the Agriculturist at the Minnesota State Farm it has proven the most productive variety grown there. It is a white oat, very early, very heavy, a great yielder. Lb., 25c., postpaid; pk., 35c.; bu., \$1.00; 10 bu., \$8.50.

**AMERICAN BANNER OATS.**  
**WHITE RUSSIAN OATS.**  
**SILVER MINE OATS.**

Each of the three varieties:  
Lb., 20c., postpaid; pk., 25c.;  
bu., 75c.; 10 bu., \$6.00.

## 50c. Bargain Collections of FARM SEEDS for TEST AND TRIAL.

1/4 lb. Bonanza Oats.....	10c
1/4 lb. Speltz or Emmer.....	10c
1/4 lb. New Beardless Barley.....	10c
1/4 lb. Abundance Corn.....	10c
1/4 lb. 1,000 Headed Kale.....	10c
1/4 lb. Wonderful Sand Vetch.....	10c
1/4 lb. Dwarf Essex Rape.....	10c
1/4 lb. Minnesota Amber Cane.....	10c

This is a special offer that you may test at small cost our truly Northern Grown Stocks of Farm Seeds. The Complete Collection postpaid for 50c.



Golden Cluster Oats.

## Australian Salt Bush.

A Forage Plant for Alkali Soils, and for Regions  
Subject to Periodic Drouth. (See Cut.)

This is a most wonderful forage plant, as it will grow freely in arid and alkali lands, that will produce no other vegetation, yielding a marvelous liberal foliage which is eagerly eaten by all kinds of stock. It is of creeping habit. From 20 to 30 tons of green fodder have been harvested from one acre. It has further been proven that after three or four crops have been grown on alkali land, that the soil is then capable of producing any other vegetation. In many sections of the states this is in itself of priceless value. This plant has been extensively tried at the California Experimental Station, where single plants, grown in the poorest alkali ground, have reached a diameter of 16 feet in one season. One pound of seed will plant an acre. It grows readily from seed and requires no cultivation. Pkt., 5c.; oz., 10c.; 1/4 lb., 30c.; lb., \$1.00.



Australian Salt Bush.



Broom Corn.

one main stalk and several smaller heads on the side. Lb., 20c.; postpaid; 10 lbs., 40c.; 100 lbs., \$3.50.



Branching Yellow Milo Maize.

## BRANCHING YELLOW MILO MAIZE.

Grows from 9 to 12 feet high, stooling from the ground, sending out shoots from the joints. Seed heads grow to great size, often weighing three-quarters of a pound, sometimes a full pound after ripe. Cattle, horses and hogs will eat it readily. Tests show that during the severe drought, corn dried up within a few feet of it. Three to five pounds will plant an acre. Lb., 20c.; postpaid, 10 lbs., 40c.; 100 lbs., \$3.50.

**Jerusalem Corn.** Pronounced one of the very best and most certain grain crops for dry sections, and in the southwest claimed to be superior to the Famous Kaffir corn, which is having such immense sales at the present time. It attains a height of 3 feet and makes a large head of 3. Lb., 20c.; postpaid; 10 lbs., 40c.; 100 lbs., \$3.50.

## BROOM CORN.

**Evergreen.** (Minnesota grown.) This variety is more generally known than any other sort on account of the color and quality of brush. The brush is of good length, always green; when ripe it does not get red and has no center stalk, which is most desirable to broom corn growers and manufacturers. We offer carefully selected stock of this variety, and know that it is certain to give satisfaction. Lb., 20c., postpaid; 10 lbs., 50c.; 50 lbs., \$2.00; 100 lbs., \$3.50.

**Evergreen Tennessee.** Of fine quality, good length and handsome appearance; cut before the seed is ripe it is a beautiful pea green color, ripens early and yields heavy crops. Lb., 25c., postpaid; 10 lbs., 60c.; 25c., lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00.

**California Golden.** This variety has been carefully selected and improved so that the brush is straight and long, a very large proportion of it being suitable for hurl. It is of fine quality, of light green color, turning to light yellow when allowed to become too ripe. Brush straight and long. Lb., 25c., postpaid; 10 lbs., 50c.; 50 lbs., \$2.00; 100 lbs., \$3.50.

**Dwarf Evergreen.** Grows from 3 to 4 feet high, with straight, smooth brush; principally used for making whisks and brushes. Lb., 25c., postpaid; 50 lbs., \$2.75; 100 lbs., \$5.00.

**Japanese.** By far the quickest growing variety that was ever introduced, and tests prove that it will mature in 75 days when planted late. One grower states that it was planted the middle of July and ready to cut by the first of October. Largely grown in the Southwestern states. Lb., 25c., postpaid; 10 lbs., 65c.; 50 lbs., \$2.25; 100 lbs., \$4.00.

## KAFFIR CORN.

Yields heavily even on the poorest soils. This wonderful forage plant has become very popular in all sections of America the past three years and is highly recommended by the leading agricultural writers. It is a variety of non-saccharine sorghum and distinct from all others of this class. It does not stool from the roots, but branches from the top joints, producing two, three and four heads of grain from each stalk. The average height on good land is about 5 feet, but the stalks are very strong and never known to blow down in ordinary windstorms. It has the valuable quality of resisting drought, and if the growth is checked for want of moisture, the plants wait for rain and then resumes at once its progress without any apparent detriment to its condition; indeed, reports show that it has never failed to produce a good crop in the most disastrous seasons. The whole stalk, as well as the blades, cures into excellent fodder, and in all stages of its growth is available for green feed. All kinds of cattle are fond of it. Kaffir Corn may be planted very early in the spring, and should be sown in rows about 3 feet apart, using about three or four pounds to the acre. It can be grown as far north as Minnesota, and is therefore desirable for cultivation in all parts of this country. Pkt. 2 oz., 10c.; lb., 20c., postpaid; 10 lbs., 50c.; 50 lbs., \$1.40; 100 lbs., \$2.50.

MISS CARRIE COLLINGWOOD, McComb, O., writes:

"I received all my plants and seeds ordered of you yesterday and I am more than pleased with them. Thank you for promptness."



Kaffir Caorn.



Sugar Cane.

## SUGAR CANE or Sorghum.

As a Pasture Crop for cattle, sheep and swine it has no superior. When grazed down it will quickly spring up again, hence a large amount of pasture may be obtained from it at a season when it is most difficult to obtain pasture from other courses. As a solling crop it will always prove of great value, since at least two crops can be obtained from one sowing, but its highest value as food for stock is found in the enormous yields of fodder. When properly grown it may be thus fed during more than half the year.

## Minnesota Early Amber.

Get pure seed of the Early Amber grown right here in Minnesota. It is the only variety of cane that makes a fine syrup, clear as crystal. When planted between the first and tenth of May, the seed almost invariably ripens, yielding twenty to twenty-five bushels of seed and one hundred and forty to two hundred and forty gallons of syrup per acre. Its earliness adapts it to almost every section, having been raised with great success in latitude 44 degrees 30 minutes, and has given entire satisfaction wherever introduced. For fodder purposes use 50 to 60 lbs. per acre broadcast, if in drills or rows, about half this quantity will suffice. Lb., 20c., postpaid; by express or freight, 10 lbs., 40c.; 50 lbs., \$1.75; 100 lbs., \$3.00.

## Early Orange.

Larger and stronger growth than the early Amber, but requires a longer time to mature seed. Popular in the south, it is the most productive where planted for forage in the Northern states. Lb., 20c. postpaid; by express or freight, 10 lbs., 35c.; 50 lbs., \$1.50; 100 lbs., \$2.50.

## RAPE.

One acre of well grown Rape will furnish pasture for ten to twenty head of sheep for two months, and in that time it will fatten them in good form for the market.

## RAPE, DWARF ESSEX.

The best forage plant for the sheep growers of America. It is highly recommended by Professor Shaw, of the Minnesota Experimental Station, and many other leading authorities on stock feeding. It has yielded ten tons of green forage per acre, and has twice the feeding value of green clover. Sheep, swine, cattle and poultry eat it readily, but it is particularly desirable for sheep on account of its fattening qualities. Rape will do well on almost any soil, but gives best results on corn land. Professor Shaw says: "On 54 acres of rape, after winter rye had been removed, 537 sheep and lambs were fattened thereon, and 18 steers fed for 59 days. The lowest average gain on lambs fed on rape alone was 7 to 8 pounds per month. Sow it like corn, or broadcast." Lb., 25c., postpaid; 10 lbs., 75c.; 50 lbs., \$3.00; 100 lbs., \$5.00.

**DWARF VICTORIA.** A standard sort of German origin. In our tests we find that Dwarf Essex will surpass it in its vigor of growth and hardness. Lb., 25c., postpaid; 10 lbs., 75c.; 100 lbs., \$4.90.



Dwarf Essex Rape.

## CANADA FIELD PEAS.

Very valuable for fattening stock, and can also be grown for soiling purposes, but are of greater value for fodder when fed as ground feed, or the vines can be cured for hay, which is of great nutritive value. They can be sown alone or with oats; if sown alone, sow 2 bushels to the acre. If with oats sow one bushel of peas and 1½ bushels of oats. The latter method is the most profitable and a double crop can be secured at the same time. Threshed together they can be easily separated, but make a desirable feed when ground together for fattening stock.

**Improved Yellow or White.** A very prolific sort, yielding all the way from 18 to 40 bushels of fine peas per acre. They are great fatteners. These peas sell at fancy prices dry for eating. Pt., 20c.; qt., 35c., postpaid; pk., 50c.; bu., \$1.75.

**May's Perfection Green.** Height of vine three and one-half to four feet. Of the same general character as the Improved Yellow or White, used for the same purposes, but the seed is green in color instead of white. Pt., 20c.; qt., 35c., postpaid; pk., 50c.; bu., \$1.75.

**May's Prolific Cow Peas.** (See Cut.) Cow peas are to the South what clover is to the North, and what alfalfa is to the West. There is now a wide spread disposition to plant cow peas farther north than formerly on account of their quick growing habit and their great value for ensilage and soil improvement purposes. It has strong roots and heavy foliage, possessing great fertilizing powers. It draws its nourishment very heavily from the air, and returns it in a richer measure to the soil, thereby enriching it to a degree that is remarkable. In the cow pea we have a fertilizer and a food at the same time. If not desired as a fertilizer, it makes a fine fodder for cattle. The cow pea ranks very high as a soil enricher, gathering immense quantities of nitrogen from the atmosphere. The ripe peas contain no less than 18½ per cent of digestible protein. The vines properly cured are a most valuable fodder for cattle and sheep, being richer in protein and fat than the best clover hay. This is not exactly a pea, but belongs more properly to the bean family. If desired the pods may be harvested for the grain and the vines plowed under to fertilize the soil. The seed or grain is ground and used for cattle fodder, the leaves and stalks also make good fodder fed green. Poor sandy soil may be greatly improved by plowing under a crop of cow peas and thus made into a fertile loam. If wanted to plow under for manure, sow with a drill, in drills a foot apart. If grown for seed, plant 3½ feet apart and 1 foot in the row, and cultivate thoroughly, using 25 pounds of seed per acre. The yield of peas in a dry state is from 40 to 60 bushels per acre. Pkt., 10c., lb., 25c.; postpaid; bu., \$2.25; bag (2½ bu.) \$6.00.



Canada Field Peas.

**BUCKWHEAT** Often called "the lazy man's crop," deserves better treatment than it generally gets. It is a "catch crop," easily grown between regular succession crops and will respond to more generous usage than is generally accorded it. Also valuable as a weed exterminator and green manure.

**Japanese.** (See Cut.) The best, most productive and most profitable variety in cultivation. From ½ bushel of seed sown a crop of 40 bushels has been harvested. In color the grain is a rich dark brown. Flour from Japanese buckwheat is fully equal in quality to that from any other variety. It ripens a week earlier than Silver Hull and yields two or three times as much. Excellent for bees. Lb., 25c., postpaid; pk., 40c.; bu., \$1.25.

**Silver Hull** An old standard sort that ripens earlier than the common varieties of buckwheat and is a heavy yielder on all kinds of soils and seldom affected by drought. The berry is of a light, silver gray color and the flower is whiter and more nutritious than that made of a common sort. There is a steady demand for this every year and it can be relied upon to produce a good crop in any ordinary season. Lb., 25c., postpaid; pk., 40c.; bu., \$1.25.

## Mammoth Russian Sunflower.

The best egg-producing food known for poultry. Can be raised cheaper than corn.

Four quarts will plant an acre, and the average yield is 100 bu. to the acre.

Single heads measure fifteen to twenty-two inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders, who have tried it, as an excellent and cheap food for fowls. Per ounce 5c., lb., 20c., postpaid; by express or freight 10 lbs., 70c.; 100 lbs., \$6.00.



Japanese Buckwheat.



MAMMOTH

RUSSIAN SUNFLOWER

# SAND OR HAIRY VETCH

## 15 TONS FORAGE PER ACRE GREEN



or 4 tons when cured as dried hay. Sow in drills, using 30 lbs. per acre. Lb. 25c., postpaid; 10 lbs. \$1.25, 25 lbs. or over 10c. per lb.

**IMPORTANT**—The seed we offer is the true Sand Vetch (*Vicia Villosa*). Do not confound this with the Spring Vetch (*Vicia Sativa*) sold by some seedsmen as the Sand Vetch.

**Spring Vetches or Tares.** are grown extensively for stock feeding. They are excellent food for hogs and also a most valuable fertilizer. From 50 to 60 pounds are sown per acre and cultivated as field peas. Lb. 20c., postpaid; 10 lbs. 70c., 50 lbs. \$2.50; 100 lbs. \$4.50.

**Kidney Vetch.** Perennial. Valuable for dry sands or poor soils. Sow 25 lbs. to the acre. Lb. 35c., postpaid; 10 lbs. \$2.25.

Special Mixture of  
Vetches and Oats for

### Green Fodder

Price for mixture to sow one acre  
By Express or Freight.

- - - \$2.25



**Mammoth Pods and Kernels.**  
CHOICE HAND SELECTED STOCK.

Peanuts will yield as large a revenue as any crop that can be grown in proportion to the outlay. Peanuts are also good food. At least, so say some of the authorities; and Peanut Butter has come to be regarded as a dainty. The foliage and vines make valuable forage for stock. Large pkt. 10c., pt. 25c., qt. 40c. postpaid.



A Field of 1,000 Headed Kale.

## VETCHES.

The Wonderful Sand or Hairy Vetch.

(*Vicia Villosa*.) (See Cut.) Sometimes called the Winter Vetch. This useful plant is noted for its extreme hardiness and promises to be highly valuable as a cover crop to prevent leeching, as well as for forage and fertilizing purposes. It is an annual, but drops its seeds freely, and will come up year after year on the same ground. The Washington Department of Agriculture estimates the value of an acre of this Vetch plowed under equivalent to putting into the ground \$16 to \$45 worth of commercial fertilizer. One important feature is that a sowing made in August or September covers the ground before winter sets in and prevents washing of the soil during the winter and early spring, thus saving a great portion of soluble mineral fertilizers contained in soil, which otherwise would wash or leech out. It can also be sown in April and will be ready to cut by the middle of July, the second growth affording excellent hog pasture during the summer. The yield of green forage varies from 10 to 15 tons per acre, equal to 3

## WILD RICE.

(See cut.) Valuable as an attraction for wild fowls. Sown in large quantities along the edges of ponds, lakes and streams. It can be successfully sown either in the winter or spring, but often the best results are obtained when sown during the fall months, generally about the middle of September. It lies dormant all winter when sown in the fall, and in the spring commences to sprout as soon as the weather becomes warm, reaching the surface generally the first part of June. It grows very rapidly in one to eight feet of water, ripening late in August or early in September. The best plan is to sow it broadcast from a boat in 2 or 3 feet of water having a mud bottom. Its value to the sportsmen as a bait for fowl is being realized more each year. Lb., 25c., postpaid; 10 lbs., \$1.60; 100 lbs., \$15.00.



**Thousand Headed Kale.** A native of Europe producing a tremendous mass of beautiful cut and curled leaves, which are long, large and rich, of a beautiful green color, and are eagerly sought and eaten by sheep, horses and cattle. The seed can be sown early in April or any time thereafter until midsummer. The best way is to plant with a garden drill, dropping the seeds about eight inches apart in the row, and the rows twelve inches apart each way. One pound (this way) will be sufficient for an acre, but if you wish to sow it broadcast use three pounds per acre. One Thousand Headed Kale is harder than rape, and therefore becomes a magnificent plant to sow in conjunction with Rape, so that you can figure to pasture sheep, cattle, hogs and poultry a month to eight weeks longer by having a few acres of Thousand Headed Kale than you can on Rape alone. It grows to a height of three or four feet, the roots penetrating to a great depth in the sub-soil, so that the plant is not affected by drought. It grows with great rapidity after being fed off and flourishes in all kinds of soils. Lb. 35c., postpaid; 10 lbs., \$2.00; 100 lbs., \$17.00.

**Flax for Sowing.** The demand for this seems to increase each season. The acreage in the Northwest last year was very large indeed. It should be sown late enough in the spring to avoid frost. When grown for the fibre about one bushel should be sown to the acre, but if for seed alone usually ½ bushel is sufficient. Lb., 25c., postpaid; pk., 50c., bu., \$1.75.

J. W. SNOW, WARE, MASS., writes:

"The Potatoes received all right and I am pleased with them."

## High Grade, Extra Cleaned Clover Seeds.

At pound prices, we send by mail, postpaid. In larger quantities the prices are for seed to be sent by express or freight (sack included), at purchaser's expense.

Nothing is more important to the farmer than that the grass seed he sows should be pure and clean. The seed should also be plump, heavy, and well ripened so as to insure a good stand. First-class thoroughly cleaned seed, while considerably more costly in the first place, is really much cheaper in the end than the light chaffy grades so generally sold at much lower prices—even should the latter be free of weeds. Heavy plump seed, germinating better, will produce a much greater number of strong plants. We pay particular attention to this department of our business. These seeds are selected with special reference to their quality. Purchasers may rely on our exertions to furnish grass and field seeds, fresh, pure and free from noxious and foreign seeds. The seeds we offer are all re-cleaned by the best up-to-date machinery procurable.



Red Clover.

**Medium Red Clover.** (See Cut.) (*Trifolium Pratense*.) This is also listed as "June Clover" by some firms, but it is simply Red Clover and we don't want the farmers to think it anything else. Our seed is carefully grown and selected for seed purposes, we know the government report will back up our claim, which is, that there is no firm in America more particular regarding the purity of their seeds than ourselves. About 15 or 18 pounds are sown to the acre. For pasturage when sown with grasses it is excellent. It attains a height of 3 feet; is said by many to be the best clover for hay. We are not going to say (as some of our competitors do) that we are the only seedsmen in America who grow grass and Clover seeds or that can supply good seed, but there is no firm in the West or Northwest that can beat our "Selected Medium Red Clover. Grade A, Minnesota Grown, lb., 30c., postpaid; pk., \$2.25; bu., (60 lbs.) \$8.75; 100 lbs., \$14.50. Grade B, pk., \$2.10; bu., \$8.25; 100 lbs., \$13.50.

**Mammoth Red Clover.** (*Trifolium Pratense Perenne*.) Also called English and Sappling. Well known in many parts of the country, and highly valued for its enormous yield and for reclaiming exhausted land. For hog pasture and as a hog fattener it has no equal, and is far superior to the Common Red or June Clover. Where permanent hog pastures are wanted this variety has given the best results, as it is permanent, and does not freeze out as easily as the Common Red Clover, and is therefore better adapted for fall sowing. It will make very large crops of hay, yielding from 3 to 4 tons per acre. As a fertilizer to plow under green, it is excellent. Sow 8 to 12 pounds per acre. Grade A, Minnesota Grown, 30c., lb., postpaid; pk., \$2.25; bu., (60 lbs.) \$8.75; 100 lbs., \$14.50. Grade B, pk., \$2.10; bu., \$8.25; 100 lbs., \$13.50.

### Giant Crimson or Incarnate Clover.

(See Cut.) (*Trifolium Incarnatum*.) This is an annual variety which has been grown largely in the Southern Middle and Northern states. In good ground it often grows to the height of 2 feet, and even in poor soil where red clover fails it will make a splendid growth. The yield in fodder is immense, and after cutting it at once commences to grow again and continues until cold, freezing weather. Seed should be sown early in August or September, so that the plants will become well established before winter. It is especially valuable for sowing amongst corn or other crops at time of the last cultivation, as it will secure a good stand in the partial shade and will afford a close dense mat of growing foliage to turn under in the spring. Sow at the rate of 10 pounds per acre. Lb., 25c., postpaid; pk., \$1.75; bu., (60 lbs.) \$6.75; 100 lbs., \$11.00.



White Dutch Clover.

**White Clover.** (See Cut.) (*Trifolium Repens*.) A small headed white species that is very fragrant and exceedingly desirable for mixing with lawn grass seeds. Although it is not a heavy producer, it is of great value for use in permanent pastures, as it affords a most nutritious food for sheep and cattle. This variety will succeed in almost any soil. Usually about 6 pounds are sown to the acre. Grade A, lb., 30c., postpaid. Write for special prices on Grade B, lb., 28c., postpaid. larger lots.

### MARKET CHANGES.

Owing to the unsteady condition of the market this season, prices are constantly changing. The prices given here are those ruling at the time this catalogue was published, January 1st. Should our prices seem high in any instance, we would consider it a favor if our customers in making up their order for farm seeds in large quantities, would write us, and we would be pleased to quote prices ruling at the time received. Or we will fill all orders at lowest market price, as it is our intention to meet the competition of all reliable firms.



Crimson Clover.

**Alfalfa.** (*Medicago Sativa*.) (See Cut.) Also called Lucerne, Eternal Clover and Wonder Clover. This is truly the farmer's friend. It has been grown in almost every portion of America and reports from the Northwest prove it to be one of the most desirable forage plants ever introduced. It stands drouth and dampness, and succeeds during hot, dry weather when many other clovers and grasses fail entirely. Heavy rains or snows have no damaging effect whatever, and simply make it flourish more than ever. As a fertilizing, land enriching crop it is unequalled. The roots sink down into the earth searching for nourishment and bring it to the surface the chemicals and fertilizing materials that have been stored 10 to 15 feet deep. One seeding stands for years. All cattle are fond of it. If possible sow with oats at the rate of 15 pounds per acre, or if the land is very poor sow three pounds more. The first season the growth will be very light, but don't be worried if the plants are small and several inches apart, for that means the next season you will probably get from 3 to 5 tons per acre, and it increases for several years producing as high as 10 tons, but that is a very large yield. It should be cut when in full bloom, but don't cut too early and be careful not to allow it to become water soaked after cutting, as it greatly reduces its value for feeding. Don't feed hungry stock on it when it is green, as it is likely to bloat them, for they invariably over eat; by this we mean not to turn hungry stock loose in a field of Alfalfa. Grade A, The best, Lb., 35c.; postpaid; pk., \$2.50; bu., (60 lbs.) \$9.00 100 lbs., \$15.00. Grade B, pk., \$2.25; bu., \$8.50; 100 lbs., \$14.00.



Alfalfa Clover.

**Alfalfa Turkestan.** This most valuable new variety was introduced by the Department of Agriculture and has given such excellent satisfaction that we heartily recommend it to our customers. It is more hardy than the Lucerne, having stood a temperature of 40 degrees below zero when the ground was bare. It will also stand extreme drought, as it has been tested in localities where the summers are dry and hot and the winters extremely cold. We believe the farmers of this country will find it of special value, making not only a larger top growth but much better root growth. Lb., 35c.; pk., \$3.00; bu., \$11.40; 100 lbs., \$19.00.

### Alsike or Swedish Clover. (See Cut.)

(*Trifolium Hybridum*.) A very hardy clover. Perennial. On rich, moist soils it yields an enormous quantity of hay or pasture, but its greatest value is for sowing with other clovers and grasses as it forms a thick bottom and greatly increases the yield of hay; cattle prefer it to any other forage. The heads are globular, fragrant and much liked by bees, which obtain a large amount of honey from them. Sow in spring or fall at the rate of 6 pounds per acre, when used alone. Grade A, lb., 30c., postpaid; pk., \$2.25; bu., (60 lbs.) \$8.75; 100 lbs., \$14.50. Grade B, pk., \$2.10; bu., \$8.25; 100 lbs., \$13.50.



Alsike or Swedish Clover.

# Grass SEEDS

FOR ALL SOILS  
EXTRA RE-CLEANED

before being sent out to customers. Our facilities for handling this line of seeds are perfect. We not only use great care in securing good seed but make critical germination tests before any seeds are sent out. By this method we know exactly as to the vitality of the seed we supply, and make sure that it is of strong growth. So much depends upon the quality of seed planted that the small difference in the cost between "the best" and ordinary quality should not be considered by planters.

**Our Prices.** The market value of Grass and Clover Seeds is constantly changing; should you wish to purchase a quantity, or should any item appear high, write for SAMPLES and SPECIAL PRICES. We pay postage on one pound prices. 5 lb. lots or more by express or freight at purchasers expense.



Red Top

**Kentucky Blue Grass** (*Poa pratensis*). The great American Grass. For pastures or lawns it is superior to all other kinds. On good soil it forms a thick mat of blades that afford excellent pasturage through the entire winter. Is a perennial and does not become perfect and vigorous until the second or third year. It succeeds best in limestone lands. In conjunction with white clover it forms a very superior lawn, and for this purpose sow 65 to 80 lbs. per acre; for meadow sow 25 to 30 lbs. per acre.

**Best Fancy Grade, Solid Seed** lb., 30c.; 5 lbs., 80c.; 25 lbs., \$3.75; 100 lbs., \$12.50.

**Prime Recleaned Seed,** lb., 20c.; 5 lbs., 35c.; 25 lbs., \$1.50; 100 lbs., \$5.00.

**Canadian Blue Grass.** lb., 25c.; 10 lbs., \$1.00; 100 lbs., \$8.00.

**Orchard Grass.** (*Dactylis glomerata*). On account of its rapid growth, this is one of the most popular and valuable of all grasses for pasturing and hay. It is about two weeks earlier than ordinary grasses, and the last to yield to frost in the fall; bears repeated pasturing and mowing, more than any other variety. By giving it a good start in the fall, it will furnish good pasturage far into the winter, and in some sections through the entire winter. It stands a severe drouth better than any other grass, and succeeds well in any climate or soil where other grasses succeed. It can be grazed all the year, except two or three months before seed time. Sow about 30 lbs. to the acre; lb., 30c.; 10 lbs., \$1.65; 100 lb., \$15.00.

**Red Top.** (*Agrostis Vulgaris*). This is a good, permanent grass, well adapted to wet lands, although it will grow with luxuriance on almost any soil, whether wet or dry. It is the best grass that can be sown on washy lands for holding the soil. Sow about 14 lbs. chaff per acre and one-fourth that amount solid seed.

**Solid Seed, Fancy Stock,**

**Grade A,** lb., 30c.; 10 lbs., \$1.50; 100 lbs., \$12.00.

**Grade B.** lb., 25c.; 10 lbs., \$1.20; 100 lbs., \$10.00

**Unhulled Red Top,** Fancy, free from light chaff; lb., 20c.; 10 lbs., 90c.; 100 lbs., \$8.00.

**English Rye,** (*Lolium perenne*). This makes a quick growth very early in the spring, and is adapted for cool moist locations. Sow 20 to 30 lbs. to the acre; lb., 20c., 10 lbs., 75c.; 100 lbs., \$6.00

**Italian Rye.** (*Lolium Italicum*). It succeeds best in moist fertile soils. Sow 20 lbs. per acre. lb., 20c.; 10 lbs., 75c.; 100 lbs., \$6.75.

**Creeping Bent.** (*Agrostis stolonifera*). A very hardy grass, especially adapted to moist land and those which are occasionally overflowed. One pound will sow space 15 by 20 feet. lb., 30.; 10 lbs., \$2.00.

**Crested Dogstail.** (*Cynosurus cristatus*). A valuable addition for lawn grasses which require close cutting. Sow 25 lbs. per acre. lb., 45c.; 10 lbs., \$2.50



Kentucky Blue Grass.

**Timothy** (*Phleum pratense*). This grass is most commonly cultivated for hay, and for that purpose it probably surpasses all other grasses in cultivation. It thrives best on deep, moist, loamy soils but is not quite so well suited to sandy or light soil. Though land that will produce other crops in fair and reasonable quantities will grow Timothy, yet it will require more care, and cannot stand a severe drouth. It is a large producer on favorable soil, and should be cut for hay when in bloom, for then it is highly nutritious and keenly relished by all stock. Sow at rate of 12 lbs. per acre.

**Grade A.** (Minnesota Grown) lb., 25c.; pk., 50c.; bu., (45 lbs.) \$1.75; 100 lbs., \$3.75.

**Grade B,** lb., 20c.; pk., 45c.; bu., \$1.60 100 lbs., \$3.50.

**Hard Fescue** (*Festuca duriuscula*). An excellent pasture or lawn grass. Sow 40 to 45 lbs. to the acre. lb., 30c.; 10 lbs., \$1.10; 100 lbs., \$10.00.

**Meadow Fescue.** (*Festuca pratensis*). An excellent pasture grass. Sow 25 lbs. per acre. lb., 25c.; 10 lbs., \$1.00; 100 lbs., \$8.50.

**Rough-Stalked Meadow.** (*Poa trivialis*). A valuable grass for moist soils or meadows, making excellent pasturage. Sow 25 to 30 lbs. per acre. lb., 40c.; 10 lbs., \$2.50.

**Meadow Foxtail.** (*Alopecurus pratensis*). Closely resembles Timothy in growth, but has a soft feathery head. Sow 25 lbs. per acre. lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Tall Meadow Oat.** (*Avena elatior*). A very valuable pasture grass on account of its early and luxuriant growth. Sow 30 to 40 lbs. per acre. lb., 30c.; 10 lbs., \$1.80; 100 lbs., \$17.00.

**Tall Fescue.** (*Festuca elatior*). Produces large crops on strong, heavy land. Sow 40 lbs. to the acre. lb., 40c.; 10 lbs., \$3.00.

**Water Fescue.** A perennial grass with long creeping roots, which is desirable for sowing on low wet ground, lb., 35c.; 10 lbs., \$2.50.

**Sweet Vernal.** (*Anthoxanthum odoratum*). Useful as a mixture with other grasses on account of its early growth. Sow 2 to 3 lbs. per acre when mixed with other grasses. lb., 25c.; 10 lbs., \$1.50; 100 lbs., \$12.00.

**Johnson Grass** (*Sorghum halapense*). Popular in the south and west, being of quick growth. When once established it is quite difficult to eradicate. Sow 25 to 30 lbs. per acre. lb., 25c.; 10 lbs., \$1.00; 100 lbs., \$8.00.

**Bermuda Grass.** The most valuable grass for the southern states, as it withstands heat and drouth wonderfully well. Sow 3 to 5 lbs. to the acre. lb., 80c.

**Rhode Island Bent Grass.** (*Agrostis Canina*). Perennial. lb., 35c.; 10 lbs., \$2.00.



Timothy.



## A FIELD OF SIBERIAN MILLET.

Valuable for all sections of America. It is the greatest stooler ever introduced. 32 quarts will sow an acre. Nothing since our introduction of *Bromus Inermis* has created such a sensation in the farming sections of America as the Siberian Millet. It is, without doubt, the heaviest yielding millet in the world, giving several times the yield of any other variety. It has been thoroughly tested in all sections of America and Canada and the reports from different parts of the country prove that it will in time take the place of all other varieties. Tests show that as high as eight tons of millet have been cut from one acre, and the quality surpasses that of any other variety. It does not grow rank or coarse, but the entire stalk is of such excellent quality that it is readily eaten. Although there are numerous blades, they are as fine as can be, making it of the greatest value to farmers everywhere. The various reports received from drought stricken districts show that it will stand more hot, dry weather than any other sort, and it has been known to yield heavily when other varieties failed almost entirely.

### A FEW REASONS WHY THE NEW SIBERIAN MILLET IS THE BEST VARIETY EVER INTRODUCED.

1. No other millet equals it in profusion of blades or quality.
2. It is extra early, usually about two or three weeks earlier than the German or Golden.
3. It surpasses every other millet in yield.
4. It makes the best hay, as it produces the greatest profusion of blades, and is unequalled in quality, while the yield is something enormous.
5. It is a Russian variety, consequently very hardy, and possessed of unusually vigorous habit. We think the above reports will prove that our Siberian Millet is something that no farmer in America can afford to be without. The seed costs more, but the yield is so enormous that the first cost is very small compared with the returns. We want to call particular attention to the fact that our Seed is Northern Grown, and consequently harder and stronger in growth than that secured from lower latitudes. Lb., 25c., postpaid; bu., \$1.10; 10 bu., \$10.00.

**Common Millet.** Lb., 25c., postpaid; pk., 30c.; bu., \$1.00; 10 bu., \$9.00.

**Hog Millet.** Lb., 25c., postpaid; pk., 40c.; bu., \$1.25.

**German or Golden Millet.** True Southern Grown. This a medium early millet, growing from three to five feet in height, and in good seasons has been known to produce over five tons of hay to the acre, and from seventy to eighty bushels of seed. It will grow in almost any soil or climate. Lb., 20c., postpaid; pk., 50c.; bu., \$1.50; 10 bu., \$12.50.

**Hungarian Millet** Often called Hungarian Grass. In general favor for summer forage purposes, as it can be sown in June as a second crop, and will be ready to cut in 60 days. It will yield 2 or 3 tons of hay per acre. Lb., 25c., postpaid; pk., 50c.; bu., \$1.50; 10 bu., \$12.50.

### WESTERN RYE GRASS. (*Agropyrum Tenuum*.)

Western Rye Grass (sometimes called Slender Wheat Grass) is the famous bunch grass of the Canadian Northwest.

It affords excellent pasturage and provides large quantities of hay. It thrives on all soils, but is particularly adapted for prairie soils. It gives good returns on land quite strongly impregnated with alkali.

When sown alone, as is the common practice, the seed should be put in from 1 to 3 inches deep, according to soil and season, 15 pounds to the acre. If with *Bromus Inermis*, 7½ lbs. of each.

Price per lb., postpaid, 25c; by freight or express, lb., 15c; 100 lbs., at 10c.

**Early Fortune.** A most promising new sort, of which astonishing yields are reported. It is very early, and claimed to be rust proof, and that chinch bugs will not eat the plant. Lb., 25c., postpaid; pk., 40c.; bu., \$1.25.

**Japanese Barnyard Millet.** Has proven an enormous yielder in all sections of the U. S., producing hay and fodder of most excellent quality and growing on any soil. 10 to 12 lbs. per acre broadcast being sufficient. In drills 8 lbs. per acre Lb., 25c., postpaid; 50 lbs., \$2.75; 100 lbs., \$5.00.

## Hardy Drouth-Defying, Frost-Proof Grass for the Northwest.



### BROMUS INERMUS OR BROME GRASS.

**DESCRIPTION.** It originated in Russia, and is recommended on account of the manner in which it has stood on the Hungarian plains, where the dry, sterile nature of the country and the long continued droughts make so many plants succumb. This Bromus, however, stands well, and has been known for thirty years to stand when such robust crops as alfalfa have been destroyed. It gives a luxuriant crop, particularly on fresh sandy loam soil, and where the climate is warm. Animals eat it greedily whether in the green or the dry state, so that it can be grown or saved for winter use. The seed is sown in the early spring. It is also useful in filling up gaps where alfalfa or clover crops have failed. Yields enormous crops of splendid hay and affords early and abundant pasturage. The importance and value of this class to the Northwest is not to be estimated. It is an absolute and thoroughly proven success. It adapts itself to almost every condition of soil and climate, and to any use to which grass may be put, equalling in quality and rivaling in yield almost any other grass. One sowing will stand for years. Succeeds on poor soils and yields 4 to 5 tons per acre. We have one grade of seed only—**THE BEST NORTHERN GROWN**. lb., 25c., postpaid; by express or freight, 15 pounds, enough for one acre, \$1.57; 100 lbs., \$10.00.

### TOBACCO.

In making up our list we have endeavored to give only such sorts as were of special merit and certain to give satisfaction.

**Connecticut Seed Leaf.** Best adapted to the Southern and Middle states. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.

**Hester** Recommended as one of the best for general cultivation. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.

**Sterling.** Best adapted to the Northern states. Ripens early, makes finest wrappers. Pkt., 5c.; oz., 25c.; ¼ lb., 60c.

**Little Oronoko.** A heavy cropper. Best adapted to the middle and Southern states. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.

**Big Havana.** Considered in the South one of the best that can be grown. Very early and a heavy yielder. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.

**Bullion.** A well formed, fine fibered sort. Pkt., 10c.; oz., 50c.; ¼ lb., \$1.50.

**Bonanza.** A white Burley cross on Yellow Oronoko. Makes fine wrappers, fillers and cutters. Pkt., 10c.; oz., 50c.; ¼ lb., \$1.50.

### TREE SEEDS.

Many varieties are easily grown. It should also be remembered that while some kinds sprout at once, others require several weeks, and a few lie dormant a whole season. Evergreen seed should be kept in a cool, dry sand. Those with hard shells should be planted in the autumn. The seeds of other deciduous trees should be planted from April to the middle of May in drills about 2 feet apart and covered about half an inch in depth. Varieties marked thus o will do better if planted in the fall.



Tobacco.



Tree Seed.

#### EVERGREEN TREE SEED.

	oz.	lb.		5c	\$ .30
Arbor Vitae, American	20c	\$2.00	oCatalpa, Hardy	10c	1.00
Balsam Fir	20c	2.00	oElm, American	20c	1.50
Red Cedar	10c	1.00	oHoney Locust, for hedge	10c	.40
Norway Spruce	15c	1.50	oLinden, American	10c	1.00
Austrian Pine	20c	2.00	oMaple, Norway	10c	.50
White Pine	50c	5.00	oMaple, Sycamore	10c	.50
<b>DECIDUOUS TREE SEED.</b>					
oAsh, American, white	10c	\$0.75	oMaple, Sugar	10c	.75
			oMaple, Soft	10c	.40
			oSage Orange, for hedge	10c	.60
			oBuckthorn	10c	1.00

### BIRD SEED.

**FANCY RECLEANED.** At prices quoted on Bird Seed we do not deliver free, if wanted by mail add 10 cents per pound.

### MAY'S MIXED BIRD SEED.

Has become famous for its superior quality. We use nothing but the freshest high grade seed, free from mustiness and dust. These seeds are particularly relished by Canaries, birds, etc. Put up in 1-pound lithographed cartons. Lb., 10c.; 100 lbs., \$7.50.

HEMP.	Best Grade	Lb., 10c.; 100 lbs., \$ 5.00
CANARY.	Best Sicily	Lb., 10c.; 100 lbs., \$10.00
RAPE.	For Birds	Lb., 10c.; 100 lbs., \$ 5.00
MILLET FANCY		Lb., 10c.; 100 lbs., \$ 3.00

### SERRADELLA.

**THE GREAT-EST HONEY PRODUCING PLANT IN THE WORLD.**

Its nutritive value is superior to Red Clover and the yield is much heavier. Serradella also has the peculiarity of thriving on any soil and doing equally well in any locality. All kinds of cattle like it and sheep are particularly fond of this splendid plant. Our supply has been obtained direct and the seed which we offer is of the finest quality. Lb., 25c., postpaid; by express or freight 10 lbs., \$1.00; 100 lbs., \$8.50.



THE HONEY PLANT.

### WHY YOU SHOULD PLANT GIANT SPURRY.

Because it is the most prolific fodder and hay plant for sandy soils, for worn out land, for poor and doubtful soils known. It flourishes on sandy worn soils, where no other plant flourishes, and returns big yields every time. It comes next to clover as a fertilizer. Take the poorest land or the worst land that you can imagine and sow 20 lbs. of Giant Spurry per acre. Do this two years, and you will have a soil for wheat, oats and potatoes.

Its value as a manurial plant on light soils is pronounced. It seems to enrich the soil more rapidly than other plants. It is readily eaten by cows, sheep and cattle. The reports received from parties who have tested Giant Spurry are very gratifying indeed. Everybody pronounces it a tremendous hay producer, and the best green fertilizer. Lb., 25c., postpaid; 10 lbs. (enough for 1 acre) 95c; 50 lbs., \$4.00; 100 lbs., \$6.90.



Do you WANT a good and cheap food try KAFFIR CORN See page 30

# May's Lawn Grass Mixtures for Special Situations.



PRICES on grass seed by the quart include prepayment of postage by us. Pecks and bushels are sent by express or freight at purchaser's expense.

HOW TO MAKE AND CARE FOR A LAWN.—This useful leaflet will be mailed free to all who ask for it when ordering.

QUANTITY REQUIRED.—For new lawns use 5 bushels per acre. One quart will sow 300 square feet.

**Central Park Mixture.** (See Cut.) For lawns of any extent we recommend this as our best mixture. One quart will sow 300 square feet; four to five bushels will sow one acre. Qt., 20c.; pk., \$1.00; bu., (15 pounds), \$3.00.

**May's Terrace Sod Mixture.** A special mixture of grasses for sowing on terraces and side hills, producing strong, spreading roots, thus preventing heavy rains from washing out. It will withstand drought and exposure and thrive on shallow soils, and at the same time produce a rich green lawn throughout the season. Qt., 25c.; pk., \$1.00; bu., (15 pounds) \$3.00.

**May's Special Golf Link Mixture.** This mixture is composed of grasses best suited for golf links, and is the result of experiments conducted on our grounds, as well as careful watching for several years of practical results obtained on golf links sown with our grass seeds. By the use of these mixtures and with proper care and attention, the finest golf links in the world can be successfully rivaled. Qt., 25c.; pk., \$1.00; bu., (15 pounds) \$3.50.

**Evergreen Mixed Lawn Grass.** This is a good mixture, but does not include so great a number of expensive grasses as Central Park Mixture. Qt., 20c.; pk., 75c.; bu., (15 pounds) \$2.50.

**Tennis Court Mixture.** Composed of a variety of fine dwarf, close growing grasses, which will insure a fine, thrifty and always green sod, especially adapted to the requirements of Tennis Courts, Cricket Fields, etc. Deep and thorough working of the soil should precede sowing of the seed if possible. Qt., 25c.; pk., \$1.00; bu., (15 pounds) \$3.50.

**Shady Nook Mixture.** In many lawns where there are large shade trees there are shady places where ordinary mixtures thrive but poorly or die out altogether. For such spots we have a special mixture of grasses, which will grow in the shade as well as in the sun. If you have shady, barren places in your lawn, try our Shady Nook Mixture. Qt., 30c.; pk., \$1.40; bu., (15 pounds), \$5.00.

## MAY'S SPECIAL MIXTURES OF CLOVERS AND GRASSES, SUITABLE FOR ALL SOILS.

These Clover Grass Mixtures are selected with the greatest of care and composed of such varieties as are best adapted for different kinds of soil and various purposes. From our own experience, as well as from the experience gained by corresponding with our customers in every part of the country, we are enabled to select in these Clover Grass Mixtures not only the varieties that are suited to the soil, but have them in the right proportion in each mixture. In every instance we mention the quantities which we recommend to be sown per acre and not only have these proven to be sufficient in our own experiments carried on during several years, but they have proven to be equally successful and sufficient with our patrons.

### OUR SPECIAL MIXTURES FOR HAY.

No. 1.—For moist ground and rich soils. Sow 18 lbs. per acre.  
Meadow Foxtail, Italian Rye Grass, Sweet Vernal, Meadow Fescue, Timothy, Alsike, Tall Meadow Oat Grass.

No. 2.—For moist ground which is occasionally overflowed. Sow 16 lbs. per acre.  
Tall Fescue, Red Top, Timothy, Meadow Fescue, Meadow Foxtail, Alsike.

No. 3.—For high and dry ground, light or medium soils. Sow 20 lbs. per acre.  
Red Fescue, Timothy, Red Clover, Crested Dogtail, Sweet Vernal, Lucerne, Hard Fescue.

No. 4.—For high and dry ground, heavy or strong soil. Sow 20 lbs. per acre.  
Tall Meadow Oat Grass, Sweet Vernal, Timothy, Hard Fescue, Red Top, Red Clover, Meadow Fescue, English Rye Grass, Alsike.

No. 5.—For top seeding on marshes and swampy places, occasionally over-flowed, the following mixture is adapted. Sow 10 lbs. per acre.  
Meadow Foxtail, Tall Fescue, Floating Meadow Grass, Red Top, Water Spear Grass.

No. 6.—For light, sandy and gravelly soils. Sow 20 lbs. per acre.  
White Clover, Hard Fescue, Soft Brome Grass, Red Top, Fescue Grass, Bromus Inermis, Sheep's Fescue.

### OUR MIXTURE FOR PERMANENT PASTURE.

No. 7.—For moist ground and rich soils. Sow 20 lbs. per acre.  
Meadow Fescue, English Rye Grass, Red Top, Fowl Meadow, Italian Rye Grass, Alsike, Meadow Foxtail, Blue Grass, White Clover, Orchard Grass, Timothy, Red Clover.

No. 8.—For high and dry ground, clay or heavy soils. Sow 22 lbs. per acre.  
Red Fescue, English Rye Grass, Timothy, Meadow Fescue, Italian Rye Grass, Red Clover, Tall Meadow Oat Grass, Blue Grass, White Clover, Orchard Grass, Alsike.

No. 9.—For high and dry ground, light soils. Sow 22 lbs. per acre.  
Hard Fescue, Lucerne, English Rye Grass, Red Fescue, Yellow Oat Grass, Red Clover, Meadow Fescue, Red Top, White Clover, Crested Dogtail.

No. 10.—To improve pastures by top seeding, or for low, rich, marshy ground. Sow 10 lbs. per acre.  
Fowl Meadow, Tall Fescue, Creeping Bent, Red Top, Alsike.

No. 11.—For top seeding for wood pastures, orchards and other shady places. Sow 10 lbs. per acre.  
Tall Meadow Oat Grass, Sweet Vernal, Timothy, Orchard Grass, White Clover, Meadow Foxtail, Blue Grass, Alsike.

No. 12.—For sheep pastures on light, sandy soils or dry uplands and hillsides. Sow 22 lbs. per acre.  
Sheep's Fescue, Crested Dogtail, Sweet Vernal, Hard Fescue, White Clover.

No. 13.—This is intended for dairymen and others, who wish to mow an early crop of hay, and use the meadows for pasture the remainder of the season. Sow 20 lbs. per acre.  
Timothy, Orchard Grass, Tall Meadow, Oat Grass, Red Clover, Meadow Foxtail, English Rye Grass, Alsike, Meadow Fescue, Italian Rye Grass.

### Prices for any of the 13 Mixtures

per lb., 25c, postpaid; 5 lbs., 60c.; 100 lbs. \$11.00, by express or freight.

**NOTICE.** It is difficult to overestimate the importance to the farmer of a good selection and proper mixture of clover and grass seeds for Permanent Pastures or for Hay. The above mixtures are correct. We can make up lower priced mixtures if desired, but we advise don't let the price of a few cents stand in the way of your getting the Best.

## MAY'S FAMOUS HOG PASTURE MIXTURES

For several years past we have made up for a number of our customers a special mixture for their Hog Pasture. In our experience we find that hogs can be raised more profitably on grass and clover than on corn only. It is just as easy and certainly more convenient, to provide clover and grasses as corn, the pigs will do the work themselves, gaining flesh, besides keeping healthy and strong. Quick results and a full crop and use of the pasture can be had the first summer from the properly selected mixture.

**No. 1.** Hog Pasture, clover grass mixture for quick results and a full crop the first year. When sown early in the spring the heavy growth of the grasses and clover will furnish a fine pasture throughout the summer. By careful experiments we find that Crimson Clover, in the right proportion, used with other grasses, is well adapted to this mixture: Mammoth Clover, English Rye, Italian Rye, Crimson Clover, Tall Meadow Oat. Sow 15 pounds per acre. 10 lbs., \$1.15; 25 lbs., \$2.75; 50 lbs., \$5.25; 100 lbs., \$10.00. By Express or Freight.

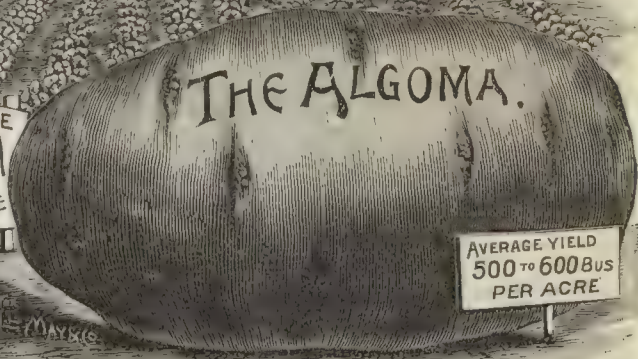
**No. 2.** Specially adapted for a permanent pasture. The grasses contained therein are A No. 1. They sink their roots deeply, and furnish a great abundance of herbage the entire season. We cannot too strongly recommend this for permanent pastures: English Blue Grass, Orchard Grass, Mammoth Clover, Rough Stalk Meadow, Alsike Clover, White Clover, Timothy. Sow 15 pounds per acre. 10 lbs., \$1.15; 25 lbs., \$2.75; 50 lbs., \$5.25; 100 lbs., \$10.00. By Express or Freight.

**No. 3.** Pasture mixture for quick results and a full crop the first year. When sown early in the spring the mixture will afford an excellent growth and will furnish a fine pasture throughout the entire season. Soja Beans, Vetches, Rape, Field Peas, Japanese Millet, Sugar Cane, Speltz. Sow 100 lbs. per acre. 10 lbs., 75c.; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.25. By Express or Freight.

**ARTICHOKE** ROOTS produce more hog food per acre, than any other crop. See page 4.

THE FAMOUS EARLY POTATO Recommended BY THE RURAL NEW YORKER

# THE GREAT ALGOMA



## NORTHERN GROWN SEED POTATOES.

**ALGOMA** AN AGRICULTURAL WONDER. EXTRA EARLY. FINE SHAPE. ENORMOUS YIELDS. A new Potato that is certain to take the lead with growers who desire a first class early variety that is productive and sure to yield a good crop, even in the most unfavorable seasons. Market gardeners and all others who grow potatoes cannot afford to overlook this wonderful variety. Its certainty to produce a big crop, fine appearance and enormous yield have called forth a testimonial from some of the most experienced potato growers in America. "The Rural New Yorker," the great agricultural paper of the East, says: "From time to time we have dug a hill of the varieties that claim to be the earliest now on trial on the Rural grounds. Thus far Algoma from L. L. May & Co., of St. Paul, Minn., has given the best yield. It is a most shapely potato, being smooth, oblong and slightly flattened." Lb., 25c.; pk., 60c.; bu., \$2.00; bbl., (2 3/4 bu.) \$5.00.

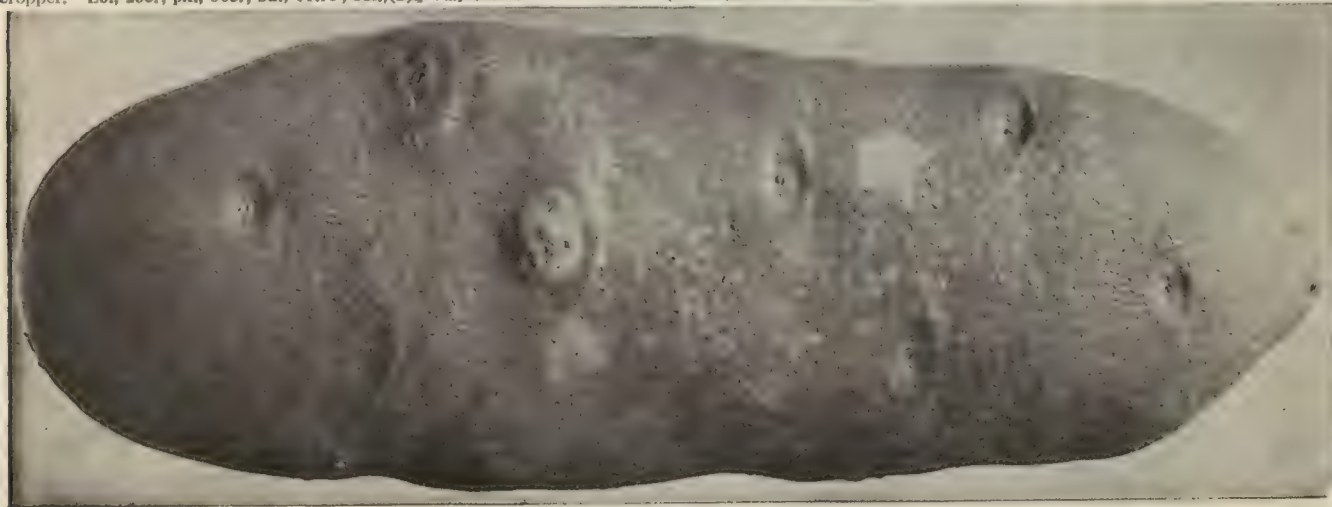
**Early Fortune.** A strong grower. In form and color it resembles the Early Rose, but in quality it surpasses it. The quality, shape and color are of the best. We have raised this potato to ourselves on a large scale, and find it to be a very early sort and a splendid cropper. Lb., 25c.; pk., 50c.; bu., \$1.75; bbl., (2 3/4 bu.) \$4.50.

ALWAYS OBTAIN YOUR SEED FROM NORTHERN GROWN STOCK IF YOU WANT GOOD SEED POTATOES. "Like Produces Like," therefore good selected Northern Grown Seed should be planted. Of the many varieties that claim public favor, we have selected only a few, and these the best in cultivation. We aim to include in our lists all new sorts, which we have found by actual test are worthy of confidence, together with the best of the older kinds.

Prices quoted on pounds include postage.

**May's Netted Gem.** THE MARVELOUS MONTANA SEEDLING. THE HEAVIEST YIELDING SORT GROWN. Combines all the good qualities of all the varieties in cultivation and stands today without a rival in the Potato Kingdom. Has been thoroughly tested in all sections. It is the handsomest variety we have ever seen and hundreds of good potato judges bear us out in the statement. It is extremely early. Planted May 10th, good large potatoes were dug July 20th, 70 days from time of planting. Will produce 500 bushels per acre, withstands drought to a remarkable degree, keeps well. In shape it is oblong—nearly straight, well set with eyes all over. The skin is of most curious formation for a potato, being very closely netted and veined like the Rocky Ford melon. It is rather thick and does not bruise easily thus enabling it to withstand shipping exceedingly well, as it will reach destination in prime condition and appearance. Lb., 30c.; pk., 75c.; bu., \$2.50; bbl., (2 3/4 bu.) \$6.00.

**May's Late.** This is by far the best potato for general late use we know of. Flesh white, cooking qualities unsurpassed. Vines of vigorous growth, and will stand the drought better than most sorts. Enormously productive, tubers uniform. Lb., 25c.; pk., 30c.; bu., \$1.50; bbl., (2 3/4 bu.) \$3.75.



May's Netted Gem. Natural Size.

**WRITE**

For Special  
Prices on  
Large Lots



Early Ohio.

**Sir Walter Raleigh.** A grand new potato, a quick maturing main crop variety. Of best keeping qualities and rare productiveness. A new white skin main crop potato. It is a splendid potato, much resembling Rural New Yorker No. 2, of which is it a seedling. It is decidedly better than its parents, the tubers being quite uniform in size, with but few small ones among them. It is from 4 to 6 days later than the parent stock. The color is the same, the skin and flesh being white. In fact it can justly be claimed for Sir Walter Raleigh that it is the whitest fleshed and finest potato on the whole list of main crop sorts, not even excepting the snow-flakes. It promises to supersede all other sorts of its class on account of its sterling excellence. On the grounds of the Rural New Yorker it proved the best and heaviest cropper of 49 varieties. Farmers who plant this sort are practically certain of getting big returns on their investment, as it invariably yields big crops and the potatoes always bring a good price on the market. Lb., 25c.; pk., 30c.; bu., \$1.50; bbl., (2¾ bu.) \$3.75.

**Ohio Junior.** Although a chance seedling, it is without doubt related to the Early Ohio. The tubers are oval-oblong, round at the seed end, with full eyes that are almost even with the surface. It is an excellent keeper, of fine quality, and very productive, and one of the very best extra early varieties. Lb., 25c.; pk., 30c.; bu., \$1.50; bbl., (2¾ bu.) \$3.75.



Early Market.

**CARMAN No. 3.**  
**The Best Main Crop Potato.**

The fame of this potato is abroad in the land, and it is unquestionably the very best main crop potato on the market. All the Carman Seedlings (originated by Mr. Elbert S. Carman, late editor of the Rural New Yorker) have proven popular; but the Carman No. 3 is already rivaling in popularity the Burbank, and is undoubtedly a much better potato. Without any exception whatever it is the **GREATEST YIELDING POTATO** ever introduced, and it may be fairly claimed that it does not yield any small tubers at all. The tubers are borne very close to the plant, a single turn of the fork turning out every potato. It is of large size and of the shapeliest form. Eyes are few and shallow. It is a perfect keeper, and is not surpassed as a table variety. Skin and flesh are of extreme whiteness. It has no hollow hearts or any dark parts. Lb., 25c.; pk., 30c.; bu., \$1.50; bbl., (2¾ bu.) \$3.75.

**Great Divide.** A grand new variety, the most robust growing, largest yielding, longest keeping, and best shipping main crop white potato in America. Our stock is exceptionally fine. Remember all our stock is true to name, grown by us on our own farms. Lb., 30c.; pk., 65c.; bu., \$2.00; bbl., (2¾ bu.) \$5.00.

WE DELIVER, POSTPAID, IN POUND LOTS,

**Good Whole Potatoes** Carefully Packed..

Carman No. 3.



# FLOWER SEEDS.

NOVELTIES AND SPECIALITIES.

There are many varieties in the following list of such **UNQUESTIONED SUPERIORITY**, that no flower garden is considered complete without them.



Aster, Quilled Comet.

## NEW COMET QUILLED ASTER.

A decided novelty, as shown by the illustration. A very beautiful Comet aster, growing about 1½ feet high. The center of the bloom consists of white quilled florets, artistically arranged and highly effective in appearance, in contrast with the exquisite rose-colored outer petals. This is one of the most charming of the new asters, and will attract wide admiration. Pkt., 10c.

## NEW COMET CROWN ASTER.

This beautiful aster grows to a height of about 15 inches. The flowers are very large (3 to 6 inches across), and of the true Giant Comet type, composed of long graceful petals and resembling the most exquisite Japanese chrysanthemums. The center of the flower is pure white and the outer portion a charming rosy pink. Pkt., 10c.

## DIANTHUS.

### DWARF FIREBALL.

The most brilliant annual pink in cultivation; the plants are constantly covered with blood-red, perfectly double laciniated flowers until checked by severe frost. Pkt., 5c.

## DIANTHUS.

### DWARF SNOWBALL.

This beautiful dwarf variety belongs to the Hedewigii class of Dianthus. The plants are very compact dwarf growth and are covered with lovely, spotless snow-white flowers, very full and double. From its dwarf growth it is very attractive for edgings, while the flowers are also very useful for cutting for bouquets. Pkt., 5c.



Dianthus Fireball.

## BOWKER'S Plant Food.

A dressing made expressly for plants grown in the house, garden or conservatory; clean odorless, and producing early and abundant blossoms, healthy luxuriant plants. One small package is enough for thirty plants for three months. Decidedly the best dressing for potted plants. Small packages, 25c; large packages, 45c. postpaid.

## NEW GIANT.

### MARGUERITE CARNATIONS.

These lovely fragrant Carnations produce fine double flowers and will bloom in a few weeks from the sowing of the seed. The plants are of compact and robust growth, but of dwarf habit. They are easily managed, and make the best of bedding plants. They may be treated as annuals, or wintered (under some protection) in the open air. They make admirable window plants, and may be potted for this purpose in the autumn. The best plan, is to sow fresh seed every spring, so as to always have vigorous young plants for summer, autumn and winter blooming. The flowers are extremely fragrant. The size is two inches, or even up to three inches. The colors include rose, white, scarlet, yellow and striped. Pkt., 10c.



New Double Sunflower.



Giant Carnation.

## NEW DOUBLE SUNFLOWER.

Grows seven feet high and bears profusely all summer long. Perfectly double the color is the very brightest golden yellow, and a row of these sunflowers would make any place appear bright and cheerful. The plants remain in bloom a long time, and bear flowers of so many sizes that any one can suit himself as to what size would make the prettiest bunch. The flowers are so perfect in form that they resemble very double Chrysanthemum-flowered Asters. Pkt., 5c.

## THE WONDERFUL DOUBLE WHITE TASSEL MORNING GLORY.

One of the most charming climbers that has ever come to our notice. It is a rapid growing vine with beautiful white tassel-like blossoms, which have a delicate marking of purple on the inner petal. The flowers are beautifully fringed and never fail to attract attention wherever seen. Easily grown from seed, and will give a good percentage of double flowers. Pkt., 10c.

## NEW FAIRY ROSES.

One of the most unique and novel pot flowers grown, attracts attention everywhere. The only genuine dwarf variety, blooming in four or five months after sowing the seed, giving about equal proportions of single, semi-double and double flowers, borne in clusters and contain all the tints and colors of cultivated Roses. Pkt., 5c.

## Rubber Plant Sprinkler.

For sprinkling cut flowers, seedlings, plants, clothes, etc. They are made of the very best grade of rubber and are very desirable. Straight Neck, 90c. Crook Neck, \$1.00. postpaid.



Fairy Rose.



DOUBLE  
MORNING GLORY  
"WHITE TASSEL"



New Nasturtium

### NEW GIANT NASTURTIUM JUPITER.

This grand novelty is of California origin, and introduces a new race among giant nasturtiums. The flowers measure 3 to 3½ inches in size, and are borne on long stems in great profusion. The color is a bright, golden yellow, overlaid with orange in the crinkled throat. The rich central markings extend softly outward, adding much to the beauty of the petals. Pkt., 5c.; oz., 15c.



Blue Primrose.

### BLUE GARDEN PRIMROSE.

A beautiful free-flowering variety of a rich blue color, flowers of good size and perfect form. There is no greater charm to the eye all through the spring than these. A partially shaded border will grow them to perfection in almost any moderately rich soil. Pkt., 10c.



Giant Double Daisy.

### GIANT DOUBLE DAISY.

Greatly improved varieties of the popular "Double Daisies." Admirably adapted for edgings, borders and low beds, and also well suited for growing in pots. Daisies are easily grown from spring sown seed and come into flower in a very short time. The flowers are white, pink, red and variegated. Not all will come double from seed. Finest mixed. Pkt., 10c.

### GERANIUM, CALIFORNIA GIANT.

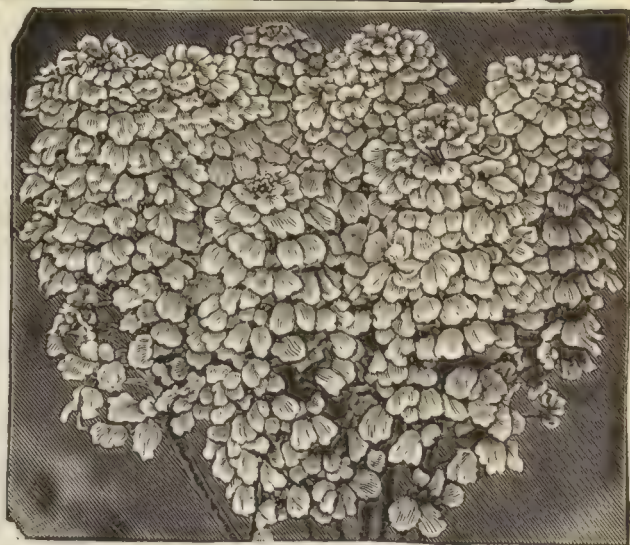
The colors are all shades of scarlet and crimson, rose, pink, salmon, cream-veined pink, blush, snowy white, and all the new aureole types with lovely rings and large white eyes. They will bloom from seed in four to five months, and will frequently reward the cultivator with charming new varieties; in fact, propagation by seed is the only sure way to obtain new varieties. The most popular plant grown, either for pot culture in winter, or for bedding out in summer. Pkt., 10c.

### HELIOTROPE, NEW GIANT.

Flower heads of grand size and rare beauty. Colors from pure white through all shades of violet and blue. Heliotrope is a universal favorite on account of its delightful fragrance and duration of bloom, flowering equally well as bedding plants in summer, or as pot plants in the house during the winter. Pkt., 10c.



Giant Geranium.



Giant Empress Candytuft.

### CANDYTUFT, GIANT EMPRESS.

One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of very branching habit, and when fully grown is covered with pure white flowers. Pkt., 5c.; ½ oz., 25c.



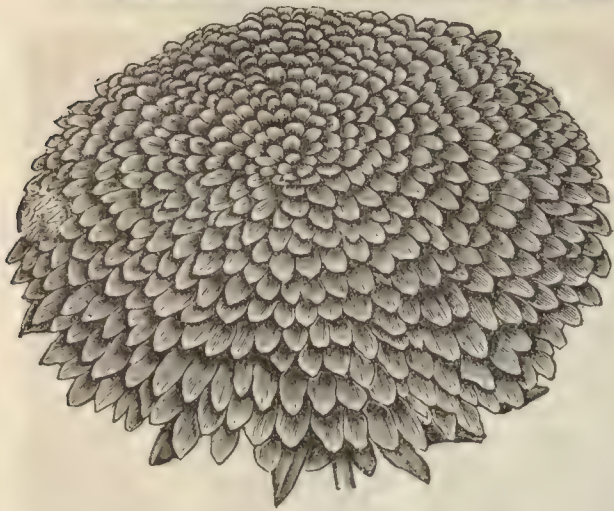
Aster, Daybreak.

### ASTER, DAYBREAK.

This beautiful Aster is one of those rare gems that has come to stay; no private garden is complete without it, and for florists' use it is unsurpassed. The flowers are round as a ball, very large and full, on long stems; the color a lovely sea-shell pink. The plant flowers very early, and is a continuous free-bloomer, a compact, strong grower, and in all respects a desirable acquisition. Pkt., 10c.



New Giant Heliotrope.



### A GRAND YELLOW ASTER, Canary Bird.

The best yellow variety known, the flowers are of large size from the Victoria strain of a rich golden color, perfectly double and imbricated. The plant is a strong thrifty grower, desirable either for pot or garden culture. Its greatest value lies in its rich color, which shows to best advantage when grown with other colors. There is no comparison between Canary Bird and so-called yellow asters of previous introduction. As a novelty for bedding it will be quite welcome. The uncommon and delicate color, the long, stiff stems, and its durability, will recommend it to every lover of Asters, and it will quickly become a favorite. Pkt., 10c.



### PHLOX, Double Flowering.

Double Phlox is one of the most desirable annuals for cut flowers, they last much longer than the single. This year we have secured a particular fine strain of the double from France which runs fully 75 per cent pure white and cream color and perfectly double and semi-double Pkt., 10c.



Dolichos. Giant Crimson.

### DOLICHOS. Giant Crimson.

The sweet Pea-like flowers, borne in unusually long clusters, as they change from blush to rose, then carmine, and at last purplish red. Some of the flower stems are over a foot long, with blossoms in all stages of maturity. The flowers are followed by bronzy purple seed pods, the whole forming a mass of varied color and beauty from July until frost. Pkt., 5c.

### FORGET-ME-NOT, Dwarf Blue.

A new and interesting form of forget-me-not, with the true ever-blooming habit. The plants grow to a height of 5 to 7 inches and cover an area 8 to 10 inches in diameter. The flowers are of the most exquisite azure blue, and will bring forth its flowers throughout the whole summer and fall and continue through the winter if taken up and potted. Pkt., 10c.

### BIRD OF PARADISE.

The color of the flowers is a golden yellow, measuring two and one-half inches across, and are produced in very large trusses. The most beautiful part of the flower is the large pistils, which are spread out in fan-like form, and are of bright crimson color. Pkt., 5c.



### GIANT PANSY VULCANO.

THE LARGEST AND HANDSOMEST PANSY KNOWN.

The ground color of the flower is a bright dark red, and each pedal is marked with a very large dark almost black blotch. This novelty will be greeted as a welcome addition in the class of the Giant Five Spotted Pansies. Raised from the Masterpiece Pansy, it will be noticed that the flowers are of very best size and good substance, waved or curled in the petals, the plants are of strong growth, lively green foliage and healthy appearance until late in the season. Pkt., 10c.



THE SHASTA DAISY

### SHASTA DAISY.

This is the finest of all the daisies. It is one of Luther Burbank's hybrids, the result of a cross between the common field daisy and a European sort. It is a perfectly hardy perennial, bearing flowers averaging 4 inches in diameter, on long, stiff stems. It blooms freely for several months, and the flowers remain fresh for two weeks or more after cutting. The petals or rays are pure white. Pkt., 10c.



Forget-me-not, Dwarf Blue.



Poppy Oriental.  
**New Oriental Hybrid Poppies.**

For brilliancy of colors there is nothing to equal the Oriental Poppies. The flowers are of enormous size, often measuring over six inches in diameter, while the colors range from soft flesh and rose to the most brilliant dazzling scarlet and richest-maroon purple. Pkt., 10c.

**Verbena,**

**Sweet-Scented White.**

The scent of this old fashioned, spicily fragrant flower, is sweet, strong and refreshing. It is easily grown from seed and succeeds everywhere. In Paris and among the few American women who have returned from a visit to that sparkling metropolis White Verbena is the only perfume affected. Pkt., 10c.

**Mignonette, Giant Red.**

The plant is of dwarf, branching habit; the foliage strong and luxuriant. The blossoms are produced in the greatest profusion, the trusses being very large and closely set. The color is deep red and it is intensely fragrant. It is valuable for cutting, remaining fresh a long time. Pkt., 10c.; oz., 25c.

**Spotted Rose-Flowered Balsam.**

This choice mixture embraces a group of beautiful balsams with spotted double flowers, and of many rich shades and colorings. They are extremely showy and desirable. Pkt., 5c.



Petunia Peerless.

**Petunia, Peerless.**

A remarkable new variety of most surpassing beauty. A charming novelty that cannot fail to please the most fastidious. The blossoms are of large size, most beautifully fringed and delicately streaked and marked with a sharply defined golden yellow throat, forming a most glorious combination, never before found in a Petunia. Pkt., 10c.



Hawaiian Treasure Plant.

**Hawaiian Treasure Plant.**

**A Quick Growing Annual.**

One of the most beautiful ornamental plants of late introduction, growing quickly from seed sown in open ground; from 3 to 6 feet in height, forming compact symmetrical heads of foliage of rare grace and beauty. Early in the fall the ends of the branches are thickly set with small bright scarlet flowers—making the plant resemble balls of fire. It is equally as showy planted singly or in rows. Give this beautiful plant a trial on our assurance that it will please you in every way. Pkt., 10c.

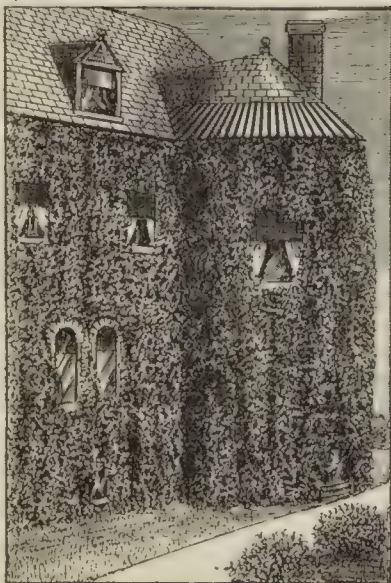
**Large-Flowering King Calendulas.**

These annuals have long been popular garden favorites, on account of their ease of culture and profuse and continuous blooming qualities throughout the summer until killed by frost. The improved varieties form bushy plants about 1 foot high by 1 foot in diameter, and are literally covered with exceedingly large, double showy flowers. The seed has been saved from only the largest and most perfect flowers of great depth and decided colors. For summer flower beds, edgings, or for winter-flowering pot plants they are exceedingly beautiful. Pkt., 5c.

**The Japanese Kudzu Vine.**

This is the most remarkable climbing vine of the age and one that should be planted by everyone desiring a dense shade.

It comes from Japan, the land so productive of curious and ornamental flowers. It is a beautiful climber, remarkable for its great vigor of growth and its handsome flowers. The blossoms are large and in panicles somewhat like Wistaria, but much larger in size and better clusters. The color is of a pleasing shade of purple. The foliage is large, shaped somewhat like the leaf of a bean; the vine is extremely rapid and dense in growth, making the Japanese Kudzu Vine of great value where a quickly produced shade is wanted. Unlike many of our climbing vines it requires little or no care, commences growth so early in the spring and is so full of life and vigor that it will cover a wall or trellis before a Clematis or Wistaria would hardly get started. Its handsome blossoms are most attractive and its hardy nature commends it to everyone. Pkt., 10c.



Kudzu Vine.



Asparagus Plumosus.

**Asparagus Plumosus.**

**Asparagus Fern.**

One of the prettiest house plants. The leaves are bright green, gracefully arched, surpassing Maiden Hair ferns in grace, delicacy of texture and richness of color. It is admirably adapted to house culture. Pkt., 10c.

**Coleus, Rainbow.**

The plants reach a height of from 2 to 3 feet; the leaves often measure 10 inches in length and 8 inches in width, heart-shaped and handsomely crimped, toothed and frilled, their color combinations are remarkably rich, comprising all the reds, metallic greens, and yellow, in shades from the most delicate to nearly black. Pkt., 10c.

**Annual Nutmeg Plant.**

The great value of this curious and useful plant consists of the seeds contained in the pods, which have the exact taste and flavor of our popular nutmeg. After the seeds are ripe and dry they can be ground or crushed into a coarse powder similar to grated nutmeg, and makes an excellent substitute for that useful article. The flavor is delicate, rich and spicy. Pkt., 10c.

**Orchid-Flowered Pansies.**

A mixture of the most surprising, novel unique and beautiful color combinations. The ground color of nearly all the flowers is in light shades, the petals are marked with large brown or golden yellow blotches which gives the flowers their resemblance to orchids. The colors range in the terra cotta shadings as well as in the flesh, orange, rose pink and lilac. Pkt., 10c.



Coleus, Rainbow.

# May's Flower Seeds. General List.

Selected Strains of the very best Quality at Reasonable Prices.



Aster, Japanese or Tassel.

## JAPANESE OR TASSEL ASTER.

Distinct, of great merit. The plant is of pyramidal growth, about 18 inches high, bearing on long stems 40 or 50 flowers averaging 5 inches across, composed of wavy and twisted needle-shaped petals. The colors range through all shades of pink, white and pale blue. Pkt., 10c.

## MAY'S NEW BRANCHING ASTERS.

GIANTS IN SIZE. MARVELS OF BEAUTY.

The plants are compact and bushy, from 24 to 30 inches high, and produce from 20 to 30 blossoms each. These are borne on strong, stiff stems, are from 3 to 5 inches in diameter, in form, shape and color, resembling Chrysanthemums. The freedom with which they bloom, the extra large blossoms, the delicate colors and their vigorous growth, all combine to make them a truly remarkable class. They are unapproached by any other Aster. We offer them in six distinct shades of color. Bright Carmine, Clear Pink, Lavender Blue, Purple, Pure White and Red. Per packet 10c. Six packets 50c.

## SEMPLE'S BRANCHING ASTERS.

A fine American strain, producing handsome double flowers on long stems, all colors mixed. Pkt., 10c.

## GIANT COMET ASTERS.

These desirable large-flowered asters attain a height of twelve to fifteen inches. They are early blooming and quite distinct from all others. The double flowers are sometimes four or five inches across, with long wavy and twisted petals resembling Japanese chrysanthemums. Colors: Pure white, crimson, rose, dark blue, lavender, striped bluish, mixed. Each, 10c. per pkt.

## DWARF COMET ASTER.

A handsome and very distinct variety. Mixed colors. Pkt., 5c.

## FIRE KING ASTER.

The most Brilliant Aster ever Introduced. And the nearest approach to scarlet yet obtained, a color previously unknown. Pkt., 5c.

## HOHENZOLLERN ASTER

Comes as an improvement over the Giant Comet. The blossoms are much larger in this improved sort, the petals being longer and much more curled and twisted. Mixed. Pkt., 10c.

## OSTRICH PLUME ASTER.

A magnificent white aster with flowers 5 inches across. It resembles Giant White Comet, but the petals are both longer and narrower, and so loosely arranged as to rival the best Japanese chrysanthemums. Pkt., 10c.

## SNOWBALL ASTER.

It is a most profuse bloomer, a single plant often producing as many as twenty-five to thirty pure snow white flowers, globular in form and of extraordinary size. Pkt., 5c.

**NOTE.** We have endeavored to make this list of flower Seeds a guide for the benefit of those desirous of growing only the Very Best Sorts, discarding a number of varieties, such as do not please the purchasing public. They are from first to last the very best, most showy and useful sorts, fresh, true to name and of good vitality. Everything offered is of unquestionable worth and deserves particular notice. We desire to call special attention to our mixtures of leading and popular annuals. These are made up by ourselves from named sorts saved from the finest strains of the best specialists. Our packets, we believe, contain more seeds in proportion to the prices asked than those put up by any other house.

**FREE** Flower Seeds, with each order amounting to 25 cts or more we send free of charge extra packets of new specialties for trial.

## CHRISTMAS TREE ASTER.

This new type has a branching pyramidal form of growth, flowers large and very double and range through many beautiful colors. The plants are quite early in blooming. Pkt., 10c.



Aster, May's New Branching.

## TRUFFANT'S PÆONY FLOWERED ASTERS

Free blooming; 2 feet. Flowers large, very double, with florets or petals mostly incurved. All colors mixed. Pkt., 5c.

## NEW VICTORIA ASTERS.

Flowers large and distinguished by an elegant and regular overlapping of the petals. Each plant bears from 10 to 20 flowers, with the appearance of a pyramid. All colors mixed. Pkt., 5c.

## COCARDEAU OR CROWN ASTER.

Very showy, the centres being white and the outside of the blossoms bright colors; 18 inches. All colors mixed. Pkt., 5c.

## CHRYSANTHEMUM FLOWERED ASTER.

Fine, large double flowers, resembling chrysanthemums, and valuable on account of profuse flowering when others are done; plants 12 inches high. All colors mixed. Pkt., 5c.

## HARLEQUIN ASTERS.

One of the most curiously marked flowers grown. Pure white petals, irregularly interspersed with deep blue or bright red petals, making bright splashes and stripes over the snowy groundwork. Medium height. Odd and beautiful. Pkt., 5c.

## QUEEN OF THE MARKET ASTER.

Of graceful spreading habit, its great merit is its early flowering character, being in full flower two weeks before most other Asters begin to bloom. Deep blue, white pink, and rose in mixture. Pkt., 5c.

## GOLIATH ASTERS.

Very tall growing, branching freely with flowers of largest size. Mixed. Pkt., 10c.

## MIGNON ASTERS.

One of the best for cutting, bearing an enormous quantity of good size blooms on each plant. Mixed. Pkt., 10c.

## QUILLED GERMAN ASTERS.

Tall and branching. Flowers beautifully quilled. Profuse bloomers and very beautiful. Mixed colors. Pkt., 5c.

## MAY'S IMPERIAL ASTER.

Mixed Varieties. Over 50 varieties of Asters, including all sorts, sizes shapes and colors, with many of the fancy and newest shapes. Pkt., 10c.; 3 pkts., 25c.; ¼ oz., 40c.; oz., \$1.25.

ASTER, new comet quilled. See page 40.

ASTER, new comet crowned. See page 40.

ASTER, Daybreak. See page 41.

ASTER, Canary-bird. See page 42.



Aster, Giant Comet:



Alyssum. Little Gem.

**ANTIRRHINUM, TOM THUMB.**

Finest mixed all colors. Pkt., 5c.

**ABUTILON.**

(Flowering Maple.) (Chinese Bell Flower.)

Beautiful, drooping, bell shaped blossoms. The colors are white, lemon, rose, scarlet and crimson as well as yellow and red shades beautifully veined. Fine Mixed, pkt., 5c.

**ABRONIA UMBELLATA.** (Sand Verbena.)

A pretty trailing plant producing clusters of sweet scented Verbena-like flowers of a rosy lilac hue with a white eye. Pkt., 5c.

**ACANTHUS LATIFOLIUS.**

Hardy Perennial. Handsome and curious flowers. Pkt., 5c.

**ACHILLEA. The Pearl.** (Sneezewort.)

Hardy Perennial.

Most beautiful double pure white blossoms borne in clusters in great profusion. Pkt., 5c.

**ADONIS.** (Pheasant's Eye.)**AESTIVALIS.** Annual. Dark crimson flowers fine cut foliage. Pkt. 5c.**VERNALIS.** Perennial. Large bright yellow flowers. Pkt 5c.**AGERATUM.**

A plant that blossoms continuously all summer in the garden, and makes a pleasant contrast of color with more brilliant varieties. We offer seeds of the new Imperial Dark Blue as best and most showy. Pkt., 5c.

**AGROSTEMMA.** (Rose of Heaven.)

Very free flowering and easily grown, being particularly fine for bedding. It is also nice for cutting for bouquets. It blossoms from midsummer till killed by frost. Pkt., mixed, 5c.

**AIR PLANT.**

This novelty will grow under all conditions, either in soil, water, or from exposure to the air in a moist place. The blooms are of curious formation and are produced very freely the entire year, making it very desirable for house culture. Pkt., 10c.

**AMARANTHUS.**

Annual plants with highly ornamental foliage; extremely graceful and interesting; 3 to 5 feet high. Useful for centers of flower beds, or for tall borders. May also be grown as window plants. Pkt, 5c.

**ANEMONE.** (Windflower.) Perennial.

They are extremely pretty and perfectly hardy, producing flowers year after year. Flower stalk 1 to 2 feet high. The colors embrace all the rainbow shades. Pkt., 10c.

**AMPELOPSIS VEITCHII.**

(Japan or Boston Ivy.) A hardy perennial climber from Japan, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. Pkt., 5c.

**AMBROSIA.**

A hardy annual exceedingly fragrant. It is as desirable as the Rose Geranium as a plant with fragrant foliage, and for making up into bouquets and other floral work. Its long, beautiful, fringed spirals of lovely green are unsurpassed. It is one of the easiest plants to grow. Pkt., 5c.

**ANGEL'S****BREATH.**

An annual that should be in every garden, for it thrives everywhere and furnishes the loveliest material for all kinds of bouquets. Pkt., 5c.

**ALYSSUM LITTLE GEM.**

Grows 6 inches high, commences to blossom early producing immense heads and when sown early in the open border soon forms a perfect mat of purest white, which is at all times odorless and pleasant. Nothing is finer for bedding, borders, rock work, etc. Pkt. 5c.

**ALYSSUM, SWEET.**

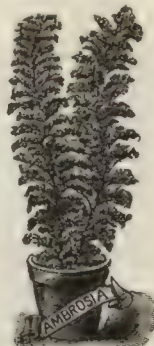
Pure white, free bloomer. Pkt., 5c.; ¼ oz., 15c.

**ALYSSUM.****GOLDEN STAR.** Perennial. Pkt., 5c.**ANTIRRHINUM SUNRISE.**

Beautiful, dwarf growing, bushy variety. Flowers are a handsome shade of yellow and produced in great profusion the entire season. It is not only desirable for beds and groups, but also for pot culture. Pkt., 10c.

**ANTIRRHINUM, NEW GIANT.**

Flowers double the size of the older sorts, more closely set on the stems and colors more clear and brilliant, growing about twelve inches high. All colors mixed. Pkt., 5c.



Begonia Vernon

**AQUILEGIA.** (Columbine.) Hardy Perennial.

SINGLE OR DOUBLE MIXED. Pkt., 5c.

**ASPARAGUS.****PLUMOSUS NANUS.** (Lace Fern.) See page 43.**SPRENGERI.** (Emerald Feather.) Pkt., 10c.**BALSAM.** ("Lady Slipper.")**Imperial Mixed.** The most perfect in form and largest double-flowered Balsam yet developed. The mixture which we offer is composed in nearly equal proportions of eight colors, each having been grown separately. Pkt., 10c.**Camellia Flowered.** The finest strain of perfectly double balsams, producing masses of brightest flowers. All colors mixed. Pkt., 10c.**German Double Mixed.** All colors; very fine mixture of the best types. Pkt., 5c.**BALSAM APPLE.**

A beautiful climbing plant with apple-shaped fruits, which if preserved in alcohol, make a most useful liniment. Pkt., 5c.

**BALLON VINE.** (Love in a Puff.)

Seed pods resemble miniature balloons. Pkt., 5c.

**BACHELOR'S BUTTON Double, Cornflower.**

It has been so perfected that fully eighty per cent of the flowers are double and semi-double; are also increased in size and present many colors and distinct markings which have hitherto been unknown in this old-fashioned favorite flower. Pkt., 5c.

**Single.** Mixed, including dark and light blue, purple, pink, rose, white, etc. Pkt., 5c.**BEAN, Scarlet Runner.** A Favorite Old-Fashioned Climber.

One of the few very beans that is both ornamental and useful. It grows rapidly to a height of ten or twelve feet, and is covered from July until heavy frost with clusters of beautiful scarlet flowers. Pkt., 5c.

**BEGONIA VERNON.**

One of the most satisfactory pot plants for the house, and a popular bedding plant for the garden or lawn. It blooms with the greatest profusion throughout the summer. Flowers a bright brilliant orange carmine with bright yellow centers, and the foliage waxy and glossy. It is easily raised from seed, and comes absolutely true. Valuable for bedding and general culture. Pkt., 10c.

**BEGONIA GIANT FLOWERING, MIXED.** Pkt., 15c.**BEGONIA REX HYBRIDA.** Pkt., 20c.**BEGONIA TUBEROUS ROOTED.** Single flowering, mixed. Pkt., 10c.**BEGONIA TUBEROUS ROOTED.** Double flowering, mixed. Pkt., 15c.**BRYONOPSIS.**

A beautiful annual climber of the gourd species, with ivy-like foliage and showy fruit, bright scarlet striped white; Pkt. 5c.

**Bowker's Plant Food**

Makes Flowers Flourish.

Small size (feeds 25 plants

6 months), 25c; large size

45c. Sent postpaid.



Balsams.



Bachelor's Button. Double.

## CANNA, Crozy's New Dwarf.

One of the most popular of bedding plants. They will bloom the first year from seed, if you soak them in very hot water over night; sow singly in small pots as soon as convenient, and grow as rapidly as possible. Pkt., 5c.

**Tall Old Type.** A mixture of all the best tall growing varieties. Pkt., 5c.

## COSMOS, Early Flowering.

This early flowering strain may now be had in bloom from July to November. It is such a strong, vigorous grower, and its fine, fringe-like foliage is such a pretty background for its lovely spreading flowers of white, pink, crimson or rose purple, that it can hardly be spared from any garden. All colors mixed. Pkt., 5c.

Cosmos. Giant Flowering, mixed. Pkt., 10c.

## CARNATION. Perennial Varieties.

Carnations are general favorites for their delicious fragrance and richness of colors. Seeds sown in open ground in May or June will flower splendidly the next season. They are nearly everywhere hardy, but in cold situations should be protected by straw. The only Carnation that blooms the first season from seed is the new Giant Marguerite, described on page 40.

**FINE DOUBLE MIXED.** The best for garden culture. Pkt., 10c.

**FINEST DOUBLE MIXED.** Saved from extra fine flowers. Pkt., 15c.

**RED GRENADIN.** Double brilliant scarlet. Pkt., 10c.

**WHITE GRENADIN.** Double pure white. Pkt., 10c.

**DOUBLE YELLOW.** Comes true from seed. Pkt., 10c.



Canna.

**Campanula, (Canterbury Bells.)** Well known popular perennials, producing bell-shaped flowers of many different colors very freely all summer. Mixed colors. Pkt., 5c.

**Canary Bird Flower.** A most desirable climber. Pkt., 5c.

## CALLIOPSIS, or Coreopsis.

Very handsome and showy plants of the easiest culture; require no care and thrive in any garden. Produce flowers in nearly every shade of yellow, orange, crimson, red, brown. It is one of those flowers which will grow in any situation. Pkt., 5c.

## CALENDULA.

Color, bright golden yellow or orange. From seed sown in the open ground it comes into flower early, and blooms profusely all summer until late in October, and are of the easiest possible culture. Double mixed. Pkt., 5c.

## CANDYTUFT.

Among the most useful of perfectly hardy annuals. Produces neat clusters of flowers. **GIANT HYACINTH FLOWERED.** A new variety of great beauty, pure white. Pkt., 10c. **GIANT EMPRESS.** (See page 41.) **FINE MIXED.** All colors. Pkt., 5c.; oz., 15c. **ODORATA.** Very fragrant. Pkt., 5c.

## CYPRESS VINE.

A most beautiful vine with delicate fern-like foliage and beautiful star shaped rose, scarlet and white flowers. Pkt., 5c.

## CALCEOLARIA HYBRIDA.

One of the most beautiful of house plants, bearing hundreds of showy pocket-like flowers of various colors. Splendid Mixed. Pkt., 20c.

## COBAEA SCANDENS.

Beautiful, large bell-shaped flowers, green at first, but rapidly changing to a beautiful deep violet blue. A well established plant will run thirty to forty feet in a season. Pkt., 10c.

## COLEUS.

**Hybridus.** One of the best known and most universally admired ornamental foliage plants. Easily grown from seed. Pkt., 5c.

**COLEUS RAINBOW.** (See page 43.)

## CRAB'S EYE VINE. (Abrus Precatorius.)

A beautiful climber, either for pot culture or the open ground in summer; bears clusters of bright yellow flowers, followed by bunches of pods, which when dry, burst open, disclosing brilliant red seeds with black eyes, used for making beads. Pkt., 5c.

## CENTROSEMA. (Butterfly Pea.)

Grandiflora. A hardy perennial vine of rare beauty, which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers, ranging in color from a rosy violet to a reddish purple, with a broad, feathery white marking through the centre. Pkt., 10c.

## CYCLAMEN.

**PERSICUM.** Splendid mixed. Pkt., 10c.

**GIGANTEUM.** Very large flowered. Pkt., 15c.



Centaurea Marguerite.

## CENTAUREA, New Marguerite

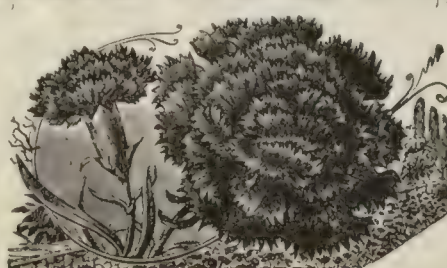
The Most Fragrant and Longest Keeping Cut Flower. The flowers are the size of a medium Carnation, freely produced on long stems, which renders them valuable for cutting; colors pure white, pale sulphur yellow and lavender. The flowers are sweet scented, and their lasting quality after being cut is remarkable. From spring sown seed they will commence to flower in July. Pkt., 5c.

**Centaurea Imperialis.** A larger and improved strain of Marguerite with petals finely fringed. All colors, mixed. Pkt., 10c.

**CENTAUREA. (Dusty Miller.)** They are planted for bedding, not for flowers.

**CANDIDISSIMA.** Leaves silvery white. Pkt., 5c.

**GYMNOCARPA.** Silver gray foliage. Pkt., 5c.



Dianthus Pink.



Cosmos.

## Chrysanthemum. (French Marguerites.)

produced on long stems beautiful large flowers of Many bright colors. Pkt., 5c.

## CHRYSANthemUM.

**Fancy Perennial.** From the best In-curved Pom-pone, Japanese, Chinese and Anemone-flowered varieties. Pkt., 10c.

## COCKSCOMB. (Celosia.)

**Dwarf Queen.** This is the best dwarf growing Cockscomb; Color, a rich, ruby red. Pkt., 5c.

**Ostrich Feather.** Produces very large plumes curved and curled. Pkt., 5c.

**DWARF MIXED.** All colors and shapes. Pkt., 5c.

## CINERARIA, HYBRIDA.

One of the Most Popular House Plants. The rich and vivid colors range through all shades of light and bright blue-purple, and crimson to deep maroon. Choice mixed. Pkt., 10c.

## DIANTHUS (Pink)

Few flowers can equal these in beauty and profusion of bloom. They comprise many distinct and most beautifully marked varieties of rich and varied colors. They bloom continually all summer and fall until frost.

**Little Gem.** Wine red suffused and veined with rosy carmine, each flower being broadly margined with white. Pkt., 10c.

**CHINENSIS.** Clusters of small double flowers, fine mixed. Pkt., 5c.

**HEDDEWIGII.** Double and single mixed. Pkt., 5c.

**DIADEMUS.** Large double flowers. Pkt., 5c.

**LACINIATUS.** Large double fringed. Pkt., 5c.

**DWARF FIREBALL.** } See page 40.

**IMPERIAL MIXED.** A choice mixture of all the above varieties. Pkt., 5c.

**GOOD MIXED.** Fine colors: Pkt., 5c., oz., 25c.

**PLUMARIUS.** (Pheasant Eye Pink. Pkt., 10c.

## DAISY. (Bellis Perennis.)

**LONGFELLOW.** Rich rose color. Pkt., 10c.

**SNOWBALL.** Double white. Pkt., 10c.

**GIANT DOUBLE.** (See page 41.)

**SHASTA DAISY.** (See page 42.)

**BLUE DAISY,** a fine winter bloomer. Pkt., 5c.

## DAHLIA, New Double Cactus.

(See Illustration front cover.)

The most beautiful variety in cultivation. They are unequalled for rich and varied colors and perfection of form. Seed sown in the house in March and April will produce flowering plants as soon as those grown from tubers, so that the purchase of bulbs is a needless expense. They are remarkably easy to germinate, and from a packet of seed no two plants will be alike in flower, and every color represented. Pkt., 15c.

**DOUBLE FINE MIXED.** Seed saved from show flowers. Pkt., 10c.

**SINGLE MIXED.** Finest colors. Pkt., 5c.



Feverfew, Double.

**DATURA.** (Trumpet Flower.)  
**CORNUCOPIA.** (Horn of Plenty.)  
 White and purple. Pkt., 5c.  
**MIXED.** Seed of many varieties.  
 Pkt., 5c.

**DIGITALIS.** (Foxglove.)  
**FINE MIXED.** Beautifully spotted  
 flowers. Pkt., 5c.

**DOLICHOS.** Mixed. (Hyacinth  
 Bean.)  
 The old-fashioned variety producing  
 abundant clustered spikes of purple and  
 white flowers. Pkt., 5c.

**DOLICHOS.** Giant Crimson. See  
 page 42.  
**DOLICHOS.** Daylight. Large spikes,  
 pure white. Pkt., 5c.

### ESCHSCHOLTZIA.

(California Poppy.)  
 Rich yellow flowers, fully as valuable  
 as the common poppy for garden or-  
 namentation, and as easily grown.  
 Pkt., 5c.

**Feverfew.** A fine old-fashioned bedding plant; also suitable for pot  
 culture. It grows about eighteen inches high, with numerous  
 branching flower stems, with very double, pure white flowers an inch in  
 diameter. Pkt., 5c.

### FORGET-ME-NOT. (Myosotis.)

**PALUSTRIS.** The true hardy swamp variety. Pkt., 5c.  
**VICTORIA BLUE.** Large Blossoms. Pkt., 5c.  
**NEW DWARF BLUE.** See page 42.

**Fuchsia.** Fuchsias are as easily grown from seed as from cuttings, and  
 from seed many new varieties are obtained. They will  
 flower freely the first year in the open ground, while the plants can be  
 taken in the house in winter where they will flower still more freely.  
 Mixed, pkt., 5c.

### FRENCH HONEY SUCKLE.

Handsome free-flowering plants. Pkt., 5c.

### GERANIUM.

**ZONALE.** Double fine mixed. Pkt., 5c.  
**APPLE SCENTED.** Very fragrant. Pkt., 10c.  
**LADY WASHINGTON.** Rarest varieties. Pkt., 25c.  
**CALIFORNIA GIANT.** See page 41.

**Gaillardia.** Large double flowers, valuable for  
 cutting. The colors embrace sul-  
 phur, golden-yellow, orange, amaranthe and claret.  
 Pkt., 5c.

**Godetia.** Beautiful hardy annuals, remarkable  
 for the delicacy of their very fine  
 large blossoms; flowers deep rose pink, rosy car-  
 mine, snow-white with bright carmine rose spots,  
 crimson, lilac with purple and white. Pkt., 5c.

### GOURDS. (Ornamental.)

Tender annual climbers, with curiously shaped  
 fruit in various colors, many of which are peculiarly  
 marked.  
**BOTTLE SHAPED.** Pkt., 5c.; oz., 20c.  
**CHINESE LOOFA.** (Dish Rag Gourd.) Pkt., 5c.;  
 oz., 20c.

**DIPPER.** Pkt., 5c.; oz., 15c.

**HERCULES CLUB.** Pkt., 5c.; oz., 15c.

**SNAKE.** Pkt., 5c.; oz., 15c.

**WHITE EGG.** Pkt., 5c.; oz., 15c.

**MIXED.** Pkt., 5c.; oz., 15c.

### GLOXINIA. Hybrida.

The Gloxinia is a grand flower and makes a lovely pot plant as  
 easily grown and cared for as many of the common flowers. The hand-  
 some bell-shaped flowers embrace a great variety of the richest and most  
 beautiful colors ranging from pure white to dark, blood-red, pink, blush,  
 lavender, indigo-blue, marbled and spotted. They will bloom in four to  
 five months from the time the seed is sown. Pkt., 10c.

### GLOBE AMARANTH.

(Everlasting.) Small globe shaped double flowers. Pkt., 5c.

### HAWAIIAN TREASURE PLANT.

(See page 43.)

### HELICHRYSUM.

(Everlasting.)

**MIXED.** From bright yellow to Scar-  
 let. Pkt., 5c.

### HELIOTROPE.

Every one likes the delightful  
 fragrance and beauty of the Heli-  
 trope, but very few are aware of the  
 fact that it can be raised from seed  
 as easily as the Verbena.

**MIXED.** All colors. Pkt., 5c.  
**NEW GIANT.** See page 41.

E.A. Howarth, Warren, Ill., writes:

"I received the roses all right  
 and I am well pleased with them."



Hollyhock.

### HOLLYHOCK.

**MAMMOTH ALLEGHENY.** It is a  
 perpetual bloomer, and has from 2 to 4  
 buds at base of each leaf, where the old  
 style has only one. All of the buds  
 develop into flowers in rotation, the large-  
 est buds first, then the smaller ones, and  
 so on until they have all opened up to  
 beautiful flowers. Colors Black, Red  
 Bright Red, Maroon, Rose, Shell Pink.  
 Pkt., 10c.

**PRIZE DOUBLE.** The perfect double-  
 ness of this magnificent, large flower will  
 please the most critical. All the best  
 colors. Pkt., 10c.

### HUMULUS JAPONICUS.

(Japanese Hop.)

One of the most rapid climbers grown.  
 Seed can be sown in the open ground  
 in spring and it will attain enormous di-  
 mensions very quickly. The foliage is  
 luxuriant and it is one of the best plant  
 for covering verandas and trellises. Heat,  
 drouth and insects do not  
 trouble it. Pkt., 5c.

**ICE PLANT.** A handsome and curious plant for hanging baskets, rock  
 work and vases. The leaves and stems appear as though covered with icy  
 crystals. Pkt., 5c.

### LAVENDER. (Old Fashioned Sweet.)

A well-known, sweet scented, hardy Perennial, bearing long spikes of  
 blue flowers. Pkt., 5c.

### LINARIA. (Kenilworth Ivy.)

A very pretty and well-known hardy perennial trailing plant, for cover-  
 ing rock work, and very useful for hanging baskets. The flowers are small,  
 but pretty, and for a drooping plant nothing can be better, as it is easily  
 grown from seed. Pkt., 5c.

### LANTANA. (Hybrida.)

Well-known shrubby plants with clusters of ver-  
 bena, like flowers and producing their pink, yellow,  
 orange and white heads in great abundance. They  
 have an agreeable aromatic perfume. Pkt., 5c.

### LARKSPUR. (Delphinium.)

Well-known annuals of great beauty and noted  
 for the richness of their color.

**DOUBLE DWARF ROCKET.** Finest mixed. Pkt., 5c.

**TALL ROCKET.** Double mixed. Pkt., 5c.

**PERENNIAL LARKSPUR.** Choice Mixed. Best  
 varieties. Pkt., 5c.

**Lobelias.** Annual plants of dwarf compact  
 growth, four to six inches in height,  
 covered with numerous small star-like flowers.  
 very pretty when grown as an edging for flower-  
 beds, also for hanging baskets and vases, and as  
 house plants in pots in winter.

Compact or Bedding Sorts.

**CRYSTAL PALACE.** Pkt., 10c.

**EMPEROR WILLIAM.** Pkt., 10c.

Erinus or Trailing Sorts.

**GRACILIS.** Bright blue with white eyes. Pkt., 5c.

### MAURANDIA. (Charming Climber.)

**FINEST MIXED.** All colors. Pkt., 5c.

### MARIGOLD. (Indian Rose.)

**ELDORADO.** Large double flowers of all shades of yellow, deeply imbrica-  
 ted. Pkt., 5c.

**FRENCH, DOUBLE DWARF.** Grows 10 or 12 inches high, and pro-  
 duces double flowers of various shades and colors. Pkt., 5c.

### MIGNONETTE. (Reseda.)

A well known fragrant favorite, which produce a pleasing contrast to  
 the more showy occupants of the garden.

**GOLDEN QUEEN.** Rich golden. Pkt., 10c.; oz., 25c.

**MACHET.** Deep red blossoms. Pkt., 10c.; oz., 25c.

**PARSON'S WHITE.** Large white. Pkt.,  
 10c.; oz., 25c.

**GIANT RED.** See page 43.

**ODORATA OR SWEET.** Pkt., 5c.; oz., 15c.

### MIMULUS.

**MOSCHATUS** (Musk Plant.) Grown  
 for the musky odor. Pkt., 5c.

**TIGRINUS** (Monkey Flower.) Fine  
 Hybrid mixed. Pkt., 5c.

### MARVEL OF PERU.

(Four O'Clock.)

It is one of the most brilliant and  
 showy plants that can be grown with lit-  
 tle or no trouble. Finest mixed. Pkt., 5c.

### MOON FLOWER.

**GIANT WHITE.** Mammoth white  
 blossoms. Pkt., 5c.

**MOUNTAIN ROSE** One of the most beautiful hardy climbers.  
 Produces immense clusters of deep car-  
 mine flowers with deep green foliage, freely furnished with long tendrils  
 that attach themselves firmly to stone, brick or wooden walls. Pkt., 10c.



Japanese Hop.



Mignonette.



Giant Japanese Morning Glories.

blossoms are distinctly outlined with a band of silver white. Pkt., 10c.

**Tall Morning Glories.** Fine Mixed. A great variety of colors of the popular old-fashioned Morning Glory. Pkt., 5c.; oz., 10c.

### NASTURTIIUMS, IMPERIAL GERMAN.

**Dwarf.** This rare and beautiful strain, possesses so many points of exceptional merit that we offer them to our customers and friends with the positive knowledge that they will give entire satisfaction under the most exacting circumstances. They are not untried novelties, neither are they time worn sorts, which every seedsman offers. They are the results of years of painstaking hybridizing and careful selection on the part of one of Europe's leading specialists, who has made a life-long study of this class of flowers. The colors range from creamy white through the various shades of yellow, orange, pink, red and scarlet to the deepest crimson, giving the widest possible range of tints. Pkt., 10c.; oz., 15c., ¼ lb., 40c.; lb., \$1.00.

**Dwarf. GOOD MIXED.** The same grade as is usually sold, and very fine. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.

### NASTURTIIUMS, IMPERIAL GERMAN.

**Tall. BEST MIXED.** We also offer a special mixture of the Tall or Climbing Nasturtiums, made up on the same basis as the dwarf variety best mixed, from the best named and brightest colors only. Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00.

**Tall. GOOD MIXED.** Free bloomer and many bright colors. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.

### RAINBOW NASTURTIIUMS.

The distinguishing feature of these flowers is the great variety of blossoms grown on the same plant. Some are light cream, others dark orange, still others crimson and scarlet, all overlaid and suffused with dark velvety tints, rendering them especially attractive. One plant may have as many as ten or twelve different colored flowers. These are tall or climbing sorts but are just as pretty grown as trailers or creepers on the ground. Pkt., 10c.; oz., 25c.

### NASTURTIIUMS, DWARF VARIETIES.

**BEAUTY.** Marked yellow and red. Pkt., 5c.  
**BRONZE.** Coppery bronze color. Pkt., 5c.  
**EMPERESS OF INDIA.** Dark crimson. Pkt., 5c.  
**GEM.** Sulphur orange, spotted maroon. Pkt., 5c.  
**RUBY KING.** Light rosy red. Pkt., 5c.  
**KING THEODORE.** Deep maroon. Pkt., 5c.  
**YELLOW.** Clear creamy yellow. Pkt., 5c.  
**THE ROSE.** Pinkish rose. Pkt., 5c.  
**BRONZE PRINCE.** Mahogany and bronze. Pkt., 5c.  
**VIOLET.** Rich violet purple. Pkt., 5c.  
**PRINCE HENRY.** Cream, spotted scarlet. Pkt., 5c.

### Tall or Climbing.

**GOLD LEAF.** Pkt., 10c.  
**KING THEODORE.** Dark crimson. Pkt., 5c.  
**ROSE.** Clear rose shade. Pkt., 5c.  
**ORANGE.** Bright orange. Pkt., 5c.  
**CHOCOLATE QUEEN.** Brown. Pkt., 5c.  
**SUNBEAM.** Pure yellow. Pkt., 5c.  
**SCARLET.** Rich scarlet. Pkt., 5c.  
**THE PEARL.** Clear pearl color. Pkt., 5c.  
**BLOTCHED BEAUTY.** Pkt., 5c.  
**CRIMSON PRIZE.** Rich crimson. Pkt., 5c.  
**REGELIUM.** Violet crimson. Pkt., 5c.  
**HEMISPHERICUM.** Pkt., 5c.  
**KING OF BLACKS.** Blackish brown. Pkt., 5c.  
**ED OTTO.** Brownish lilac. Pkt., 5c.  
**NEW GIANT.** A charming novelty, see page 41.

## GIANT JAPANESE MORNING GLORIES.

FRILLED AND FANCY.

The seed we offer is grown from selected Japanese stock, and embraces plain singles (which are really the hand-somest), semi-doubles, quilled and frilled, crimped and scalloped, and with every hue and color, except yellow, and is superior to any other stock offered, and we guarantee it will give satisfaction. Pkt., 10c.; oz., 25c.

**White Tassel.** See page 40  
**Morning Glory.**

**ROCHESTER.** The large open trumpet shaped



Imperial Nasturtiums.

## NEMOPHILA, (LOVE GROVE.)

Neat compact plants with strikingly beautiful flowers. Pkt., 5c.

### NICOTIANA.

**AFFINIS.** Star shaped blossoms. Pkt., 5c.  
**COLOSSEA.** Foliage beautifully marbled, veined and edged. Pkt., 10c.  
**SANDERAE.** Carmine flowers. Pkt., 10c.

## NIGELLA, (LOVE-IN-A-MIST.)

Showy in foliage, flowers, and seed-pods. The flowers are surrounded by a delicate wreath of mossy fibers. Pkt., 5c.

## CECOTHERA (EVENING PRIMROSE.)

Free-flowering plants of easiest culture, producing brightly colored single flowers which open on approach of twilight. Pkt., 5c.

### OXALIS.

Small-free-flowering plants, with brightly colored clover-like leaves, thickly starred with small bright flowers from June until frost. Choice Mixed. Many bright colors. Pkt., 5c.

### PALM.

The palm is perhaps one of the most ornamental plants in the greenhouse and those varieties that are hardy enough to bear planting out in the lawn during warm weather are sure to command attention. The seed is slow to germinate. Mixed. Pkt., 10c.

## PASSION FLOWER.

(Passiflora.) Most interesting and well known climbers bearing singularly beautiful flowers. Pkt., 5c.

## PETUNIA.

**California Giant.** The largest flowering and richest colored variety in cultivation. Single flowers frequently measure over five inches in diameter, ruffled or fringed on the edges and beautifully veined, with various shades of purple, rose, lavender, yellow, crimson, pink, pure white, etc. One of the chief points of excellence is the deep throat and the diversity of veinings in the throat. Pkt., 20c.

**Single Fringed.** The colorings and markings are most exquisite. Pkt., 15c.

## Large Flowering Single Mixed.

A fine assortment of colors. Pkt., 10c.

**Single Mixed.** A good strain. Pkt., 5c.

**Double Fringed.** Their large size, exquisite markings and most beautiful fringing render them very conspicuous at all times, and our customers would be well repaid for sowing the seed if they secured a half dozen good plants from a packet. Pkt., 20c.

**Peerless.** See page 43



Double Fringed Large Flowering Petunia

W. H. SELLARS, Stony Mountain, Man., Canada, writes:

"I received the Orange plant and R. M. Cherry tree all right and they are growing fine.

# Giant Flowered Pansies

MAY'S GEM.

MOST BEAUTIFUL KNOWN.

For extraordinary size of the flowers and their endless varieties of colors, combined with perfection of form and velvety texture. This strain is undoubtedly the finest mixture of pansies in the world, all selected separate colors from the best German, French, English and American growers of pansies, mixed and blended by ourselves. We offer this special blend to pansy lovers with the full assurance that it is the best money can buy. Pkt., 15c.; ¼ oz., \$1.00.

May's Gem Pansies.



Pansy, Giant "Masterpiece."

**Cosmopolitan.** This strain is mixed specially for our florist friends who want something superior to that ordinarily offered. Doing a large florist business ourselves, growing upwards of 100,000 pansy plants each year for the retail trade, we are in a position to know a florist's wants, and offer this strain with perfect confidence, knowing that it will please the most exacting. Pkt., 15c.; ¼ oz., \$1.00; oz., \$3.00.

**May's Royal Mixed.** Unrivaled for Diversity of Coloring and Markings, Beauty of Form and Large Size. Selected separate colors from best German, French, English and American growers, mixed and blended by ourselves. Pkt., 10c.

**English Show.** This is made up of the famous English varieties introduced a few years since by the royal gardener to Her Majesty, Queen Victoria. They are remarkable for their large size, varied colors, and the thick, tough nature of their petals, which enables them to stand all conditions of weather without damage. Pkt., 10c.

**Giant Fancy.** Remarkable for the extra large size of the flowers, which, however, are not so circular in form as the "Imperial German" or "Royal mixed." Pkt., 10c.

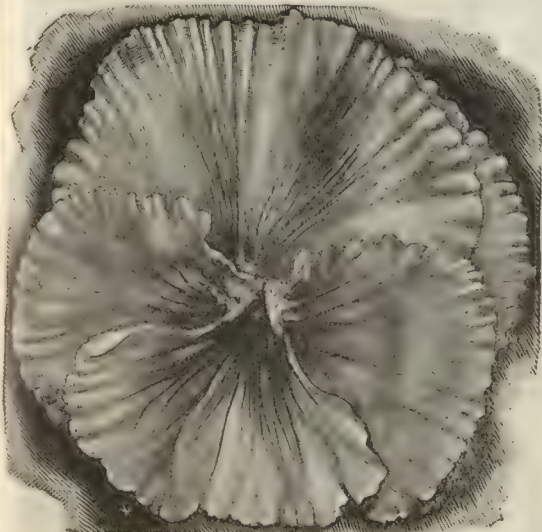
**New Imperial Mixed.** This mixture embraces seeds of over fifty colors and markings, and is guaranteed to equal any strain offered as Imperial German. Pkt., 5c.; ¼ oz., 75c.; oz., \$2.75.

**Good Mixed.** Fine for bedding, many rich colors. Pkt., 5c.; ¼ oz., 25c.; oz., 75c.

**Giant Aurora.** The largest pure white Pansy with out blotches. Edge of petal is frilled. Pkt., 10c.

**Giant Yellow Prince.** The color is pure golden yellow, shaded lower petals marked with a purplish or red blotches and hair lines. It is impossible to reproduce by means of the printer's art the grand depth of brilliant color presented by this beautiful Pansy. Pkt., 10c.

**Fire King.** The three lower petals each have a large blotch of deep brown-red or magenta margined with yellow, while the upper petals are of a bright reddish brown, of a real fiery shade, warranting the name Fire King. Pkt., 5c.



Pansy, Giant Aurora.

**Giant "Masterpiece."** This magnificent new Pansy comes nearer to double pansies than anything ever introduced under that name. The border of every petal being conspicuously crimped and curled in such a fashion that the flowers appear double, and the color variations and combinations are very odd and striking, and contain some very lovely tints of color that cannot be found in any other strain of pansies. Pkt., 10c.

**Madame Perret.** A superb new strain, large flowers and beautiful colors, such as rose pink and crimson, blotched and veined, margined white. This strain is remarkable for the grand size of the flowers and colors. Pkt., 10c.

**GIANT PANSIES.** Separate Colors. The best strains in existence for general planting. Pkt.

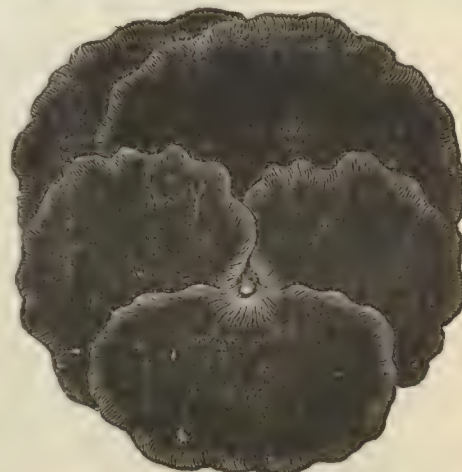
ADONIS.	Light blue with a white center	10c
AURICULA.	Beautiful metallic shades	5c
BEACONSFIELD.	Upper petals lavender, lower purple	5c
BRONZE.	Rich shades of bronze and browns	5c
BUTTERFLY.	Mottled, spotted and streaked	10c
BUGNOT.	Flowers of enormous size, all colors	10c
CROWN PRINCE.	Velvety black, golden bronze	5c
DARK MAHOGANY.	With white margin	10c
DARK MAHOGANY.	With yellow margin	10c
DEEP YELLOW.	Very rich yellow, spotless	5c
EMPEROR WILLIAM.	Rich dark navy blue	5c
EMPEROR FREDERICK.	Beautiful velvety brown	5c
EMPERESS VICTORIA.	Porcelain, white	10c
FIERY FACES.	Rich scarlet, golden and yellow	10c
FREYA.	Deep purple violet, white margin	10c
GLORIOSA.	A reddish steel blue color	10c
GIANT TRIMARDEAU.	Remarkable for the large size	5c
GIANT WHITE SPOTTED.	Beautiful and showy	10c
LIGHT BLUE.	The most delicate light blue	5c
ODIER OR FIVE SPOTTED.	Very beautiful	10c
PRES. CARNOT.	Blotched violet on white	10c
PRES. MCINLEY.	Blotched purple on yellow	10c
RUBRA.	Claret and scarlet shades	10c
SNOW QUEEN.	Spotless white with yellow dots in centre	5c

**Black Prince.** A distinct pansy of sterling merit. The rich glossy black has a peculiarly soft, velvety appearance, the magnificent large flowers are of fine circular form, and flower so profusely that a bed of the Black Prince makes a sight not often equalled. Pkt., 5c.

**Rosy Morn** The color of this new Giant Flowered Pansy is a bright purplish crimson margined with a clear white edge, color gradually turns a pleasing rosy carmine and the silver edge becomes wider. Pkt., 5c.

## PANSY PLANTS

These are grown from the best Gem Mixture. Pots paid, 50c. per dozen; by express, 40c. per dozen, or 3 dozen for \$1.00, for plants in bloom.



Pansy, Black Prince.

## PHLOX DRUMMONDII.

**LARGE FLOWERING MIXED.** Their long duration in bloom, combined with their almost unequalled richness of color, renders them of invaluable service in the flower garden. The color ranges in every conceivable shade; producing flowers twice the size of common Phlox. Pkt. 10c.

**FINE MIXED.** Invaluable for bedding and cut flowers; an excellent strain. Pkt., 5c.

**"STARRED AND FRINGED."** In the Fringed Flowers the petals are distinctly bordered with white, which, together with the bright eye of the center, contrasts with the magnificent velvety colors, in more than twenty shades. In the Starred Phloxes the central teeth are five to six times as long as the lateral ones. Finest Mixed. Pkt., 10c.

**PHLOX DOUBLE.** See page 42.

## PHLOX, PERENNIAL.

The varieties of the perennial Phlox are among the choicest of our flowers for bedding and border plants. They are hardy and need no protection. Pkt., 10c.

## POPPY.

**GIANT IMPERIAL MIXED.** Specially prepared from all the double Giant varieties, including some entirely new ones. For dazzling richness and variety of colors the flowers are unequalled. Pkt., 10c.

**THE SHIRLEY.** The colors range through all shades of delicate rose, pink, carmine, and brilliant crimson. Many of the large single flowers are edged with white. Pkt., 5c.

**ICELAND.** These are perfectly hardy, grow about 12 inches high, bearing yellow, white and orange colored blossoms. Single Mixed, Pkt., 5c.

**FAIRY BLUSH.** A distinct variety with very large perfectly double flowers measuring from 3 to 5 inches in diameter. The petals are elegantly fringed with white except the tips, which are distinctly colored rosy cream, giving the flower the appearance of a large white feathery ball, overcast with a rosy shade. Pkt., 5c.

**BURBANK'S SILVER LINING.** Cup-shaped single flowers, rich scarlet, spotted with black, but each spot appears to be covered with shield of white tissue paper; altogether unique Pkt., 10c.

**SNOWDRIFT.** A grand variety. The large pure white flowers are perfectly round and double. Pkt., 5c.

**PAEONY FLOWERED.** Splendid large double flowers of all colors. Per oz., 20c., pkt., 5c.

**NEW ORIENTAL.** (See page 43.)

## PRIMULA, Sinensis. (CHINESE PRIMROSE.)

Many persons seem to think Primulas are successfully propagated only in a greenhouse, hence we find amateurs often reluctant to attempt their culture. They are unequalled as winter bloomers, easily grown, if the right conditions are observed, and give a succession of flowers throughout the season, and are prized for both beauty and their delicate fragrance. Single, Finest Mixed. Pkt., 10c.

**LARGE FLOWERING, FRINGED, MIXED.** Pkt., 15c.

**DOUBLE.** Best mixed, all colors. Pkt., 20c.



Scarlet Sage.



Phlox Large Flowering.



Poppy, Giant Mixed.

## DWARF TEN WEEKS STOCKS.

White Vienna. A charming dwarf white variety which blossoms very early and is of the most compact habit. This we believe is far superior to the well-known "Snowflake," as the flowers are much more freely produced and the heads are of the most perfect formation. This is especially fine for florists use or where cut flowers are wanted. Pkt., 10c.

**LARGE FLOWERING PYRAMIDAL.** Immense spikes of perfectly double flowers pyramidal in shape, the individual blooms frequently measuring from 2 to 2½ inches in diameter, ranging in colors from crimson, rose, white, blue, lilac, brown and yellow. They are greatly prized for cut flowers on account of their fragrance and diversity of colors. Pkt., 10c.

**DWARF GERMAN.** Fine mixed. Pkt., 5c.



## PRIMULA.

**OBCONICA.** Primula Obconica is as near an everblooming plant as is possible to obtain. It has been known to flower for over twelve months without a break. Pkt., 10c.

**JAPONICA.** One of the most beautiful. Flowers one inch across, of shades of crimson, maroon, lilac, pink, white, etc., on stems one to two feet high. Mixed colors. Pkt., 15c.

**FORBESII.** (Baby Primrose.) Blooms when only a few inches high and flowers continuously throughout the year. Pkt., 10c.

**PRIMROSE BLUE GARDEN.** (See page 41.)

## PORTULACA.

**DOUBLED FLOWERED.** One of the most showy and beautiful annuals with abundant, highly-colored flowers. Pkt., 10c.

**SINGLE.** A great variety of colors mixed. Pkt., 5c.

## RICINUS. ZANZIBARENSIS.

From seeds sown in the open ground in May the plants are in full foliage early in July, and attain a height of twelve to fourteen feet. The enormous leaves, beautifully lobed, measure two and a half to nearly four feet across. As a solitary plant on the lawn, it makes a perfect pyramid of foliage, thickly set from top to bottom with gigantic leaves. Pkt., 5c.

**MIXED.** Many choice varieties. Pkt., 5c.

## ROSES.

**DWARF POLYANTHA.** Blooms the first year. Easily raised from seed. Pkt., 5c.

**NEW FAIRY.** (See page 40.)

## THE NEW EVERBLOOMING ROSE

## Baby Rambler

**HARDY AND BLOOMS THE YEAR ROUND INDOORS AND FROM JUNE UNTIL FROST IN OPEN GROUND. IS THE FINEST ROSE IN EXISTENCE. SEND ORDER WHILE THEY LAST**

See First Inside Cover Page for Price

## SALPIGLOSSIS.

The graceful flowers, borne on long stems, range in color from the most delicate shades of light blue and straw color to the deepest purple and richest brown and maroon. The quaint funnel-shaped flowers somewhat resemble those of the petunia. Large flowering, mixed. Pkt., 5c.

## SALVIA SPLENDENS. SCARLET SAGE.

One of the grandest plants in cultivation, a bed of them surpassing the finest scarlet geranium in brilliancy and continuous bloom. Pkt., 10c.



## Giant Flowered, Mixed Sweet Peas

Our New Blend for 1906.

A Matchless combination of colors, and Giant Sweet Scented Flowers. This mixture is carefully blended by ourselves from all the finest selected colors in the right proportion for the most beautiful show. Made up especially for critical buyers that have the money to spend for the best only. Without question it cannot be surpassed for gorgeousness of colors and brilliancy of effect, embracing every known good sort to date. Price per large Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00, postpaid.

### IMPERIAL MIXED.

This blend or mixture embraces a choice selection of the Eckford varieties of improved type, with a fair proportion of the new shades and colorings up to date. Equal to any mixture or grade as usually sold at this price. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c., postpaid.

### SURPRISE MIXED.

Called Surprise for the reason we do not know how many different and separate varieties it does contain. We annually receive numerous samples of new shades and colorings for test, and the seed is saved for this mixture, including many of the newer varieties which sometimes get mixed by accident or otherwise. Without question you will get your moneys worth for the price we ask for it. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c., postpaid.

### BARGAIN MIXED.

A cheap mixture, but a real good one containing distinct shades of the older varieties, mostly dark colors, and will please those who do not care for the fancy new varieties of late introduction. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c., postpaid.

### NEW DOUBLE SWEET PEAS.

The flowers are extremely large, frequently measuring two inches across. They will not all come double, but if the plants are grown strong and luxuriant they usually produce from twenty to forty per cent of double blossoms. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c., postpaid.

### THE NEW BUSH SWEET PEA.

All the Flowers are borne on top of the Plant.

This is the first of an entirely new type of this beautiful flower. It forms a perfect bush, and consequently does not require tall sticks. Neither does it hug the ground. Verbena fashion. For small gardens where the tall varieties have been in the way, this is the very thing to give large quantities of flowers for cutting and yet not take up a great deal of room. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c., postpaid.

### DWARF CUPID SWEET PEAS.

Grows only five to eight inches high and continue to flower much later in the season than the tall varieties. Our mixture contains the pink and white cupids and a fair proportion of the latest colors. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c., postpaid.

### NEW WHITE WONDER SWEET PEA.

The Double-stemmed Many-flowered White Sweet Pea. Pronounced the most unique novelty in Tall Sweet Peas yet produced. The flowers are pure white, uniformly of the largest size, and are borne six to eight and frequently as many as ten to twelve large flowers on a long stout stem. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c., postpaid.

Peas, Perennial. (Lathyrus), Mixed, Perfectly hardy. Pkt., 5c.

## 50 Select best new and Distinct colors in Tall Sweet Peas

ADMIRATION. Pinkish heliotrope, wings a shade lighter.  
AMERICA. Striped blood-scarlet on white, large and striking.  
APPLE BLOSSOM. Deep rose pink, wings bluish pink.  
AURORA. Striped rosy orange on white, a most attractive variety.  
BLACK KNIGHT. Deep maroon, veined black, large and open form.  
BLANCHE BURPEE. Pure white, of graceful form.  
BLANCHE FERRY, EXTRA EARLY. Rose red, wings bluish white.  
CAPTIVATION. Claret magneta, wings heliotrope, a distinct shade.  
COQUETTE. Blush buff pink, wings cream white.  
COUNTESS OF RADNOR. Rosy lavender, wings pure lavender.  
CROWN JEWEL. Rose pink, wings rosy cream, very large flower.  
DAINTY. White with pink edge, most unique.  
DOROTHY TENNANT. Deep rosy heliotrope, large and distinct.  
DUTCHESS OF SUTHERLAND. White, veiled with bluish pink, exquisite.  
DUKE OF SUTHERLAND. Dark purplish maroon, wings violet indigo.  
EARLIEST OF ALL. Pink and white, 10 days ahead of Blanche Ferry.  
EARLY ECKFORD. Heliotrope blue, wings lavender blue.  
EARLIEST SUNBEAMS. The richest primrose color.  
FIREFLY. Bright crimson scarlet, very profuse and intensely brilliant.  
GRACE MAY. A giant flowering white.  
GORGEOUS. Brilliant orange salmon, wings orange madder.  
GRAY FRIAR. Flaked and speckled blue and mauve on white.  
HON. F. BOUVERIE. Salmony buff pink, wings creamy pink.  
JUANITA. Striped lavender and mauve on white.  
KATHERINE TRACY. Lovely bright pink, large and profuse.  
KING EDWARD VII. The best red sweet pea up-to-date.  
LADY MARY CURRIE. Fiery orange pink, wings rose, very bright.  
LADY GRISEL HAMILTON. Beautiful silvery lavender.  
LOTTIE ECKFORD. White suffused rosy lilac, blue edge.  
LOVELY. Warm rose pink, large and extra fine.  
MAID OF HONOR. Lavender and white, edged blue.  
MARCHIONESS OF HOLMONDELEY. Soft cream and pink.  
MRS. ECKFORD. Primrose yellow, of large size and fine form.  
MRS. DUGDALE. Carmine rose, shaded yellow.  
MRS. JOSEPH CHAMBERLAIN. Striped bright rose on white, very large.  
MRS. KNIGHTS SMITH. Beautiful self-colored pink.  
MRS. WALTER WRIGHT. The largest lavender color.  
NAVY BLUE. Dark Indigo blue and violet, the best blue.  
PINK FRIAR. Flaked and flushed pink on white.  
PRIMA DONNA. Exquisite rose pink, large and profuse.  
PRINCE OF WALES. Bright rose carmine, wings carmine madder.  
PRINCE EDWARD OF YORK. Carmine scarlet, wings crimson.  
QUEEN VICTORIA. Rosy primrose, wings cream.  
RAMONA. Striped and penciled light pink on white.  
ROYAL ROSE. Deep carmine rose, wings rose pink, extra large and fine.  
SADIE BURPEE. (Black Seeded). Immense white, bluish tinge.  
SALOPIAN. Rich deep crimson red, very large and of fine form.  
SCARLET GEM. Dazzling scarlet, bright and clear.  
STELLA MORSE. Creamy pink, clouded rosy apricot.  
VENUS. Rosy buff pink, wings a shade lighter, distinct and fine.

ALL AT THE UNIFORM NET PRICE OF  
5c. per Pkt.; any Seven Pkts., for 25c.; 10c.  
per Oz., any Four Ounces for 25c.

One ounce of Sweet Peas will sow a row 25 feet long.



Scabiosa.



Sweet William.

### SCABIOSA.

**Large-Flowered Double.** Of tall growth and produces exceptionally large double flowers. The range of colorings is most remarkable, shading from pure white to rich pink, crimson to deep red, and from lilac to almost black. Pkt., 5c.

### SWEET WILLIAM. (New Double and Single Mixed.)

The Sweet William is one of the finest flowering plants among the hardy perennials. The flowers have a wide range of bright colors and varied markings. Pkt., 5c.

### SMILAX.

One of the most desirable window vines on account of its charming, glossy green, elegant and graceful foliage, and will grow several feet high the first season. Started in the spring it affords elegant trellis plants for the house in winter; also fine for hanging baskets. Pkt., 5c.; oz., 30c.

### SUNFLOWER. (Helianthus.)

**Giant Russian.** Flowers of enormous size. Pkt., 5c.

**Globosus.** Large globular heads of bloom of a rich saffron shade. Pkt., 5c.

**Silver Leaf.** Silvery foliage; blooms yellow and black. Pkt. 5c.

**Stella.** Rich golden yellow with black discs. Pkt., 5c.

**New Double.** (See page 40.)

### SCHIZANTHUS. (Butterfly Flower.)

Elegant and very free blooming annuals; of much interest and beauty, and when well grown rival in singularity of colors and markings of the orchids, large flowers, spotted with crimson, lilac, purple and yellow, and the petals are cut in a picturesque manner. Pkt., 5c.

### VIOLET. (Viola.)

The violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a whole room. Succeeds best in shady, sheltered place, and can be easily increased by dividing the roots. Finest mixed. Pkt., 10c.

### WALL FLOWERS.

**Double Mixed.** Spikes of deliciously fragrant flowers, combining many shades of colors, chocolate and orange-purple predominating. Pkt., 10c.

**Single Mixed.** Everyone should now grow some and enjoy the pleasing fragrance of the cinnamon-colored flowers. The single will flower from seed sown the same spring. Pkt., 5c.

### WILD CUCUMBER.

For covering porches and trellises. Pkt., 5c.; oz., 25c.

### WILD FLOWER GARDEN.

A mixture of many varieties of beautiful, easy-growing flowers, producing a constant and varied bloom the whole season, and is especially suited for those who wish only a few seeds each of the leading varieties, or a much more extensive collection than their means will permit. In no other manner can so many seeds be obtained for such a small cost. This mixture is especially prepared from Choice, Fresh Seeds, the colors and varieties being carefully proportioned and will be found superior to any mixture offered. They are very useful for sowing alongside the garden fence, and on untidy, bare spots of ground, and cannot fail to give satisfaction. Large Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; 1 lb., \$1.75.



Violets.



Wild Flower Garden



Mammoth Verbena.

### MAMMOTH VERBENA.

**Flowers of Gigantic Size, Most Distinct and Beautiful Colors.** The flowers of the New Mammoth are of gigantic size—the largest Verbena known—many single flowers being as large as a twenty-five cent piece, while the clusters of bloom are magnificent and the range of color more varied than in any other mixture. Without doubt this is the finest and best strain of Verbena seed, for either the amateur or florist, in existence. Verbenas in quantities are more easily obtained from seed than cuttings; the plants are more robust in growth and produce more flowers than those propagated from cuttings. Hence the labor and cost of the old method of obtaining a supply of Verbenas may be avoided. Plant them out where they are to bloom, in rich soil and you will have plenty of brilliant flowers until killed by frost. Pkt., 10c.

**Verbena. (Hybrida.)** Fine mixed, from a splendid range of colors. Pkt., 5c.

**Odorata.** This lovely Verbena is hardy; seed may be sown in open ground in the spring. The blossoms, instead of being in clusters, run up into spikes three or four inches long, and very sweet scented. Pkt., 5c.

**Lemon.** This elegant fragrant plant is easily grown from seed and succeeds anywhere. Have a good bed of it in the garden over summer, that you can cut its fragrant foliage and flowers to make up with bouquets. Pkt., 5c.

**Mayfield Prize.** The color is crimson with a pure white eye. Pkt., 10c.

**Mrs. Cleveland.** Large bunches of deep purplish blue black flowers, each one distinctly marked with a pure white eye. Pkt., 5c.

**Blue Boy.** A clear sky blue. Pkt., 5c.

**Lavender Beauty.** Lavender, pure white eye. Pkt., 5c.

**White.** Sweet scented. See page 43.

**Scarlet Defiance.** True from seed. Pkt., 10c.

**Striped.** Very showy colors. Pkt., 5c.

### ZINNIA.

#### New Giant.

A superb new class of Zinnias, giant in size, and perfectly double flowers of richest, most varied colors and shades; plants grow 3 feet high, blooming freely during long periods; particularly valuable for group Choicest mixed. Pkt. 10c.

#### Curled and Crested.

Each plant produces from 100 to 200 large double flowers, with petals curiously twisted and curled. Pkt., 10c.

**Zebra.** Handsomely striped and marked. Pkt., 10c.

**Choice Mixed.** Many choice and beautiful colors. Pkt., 5c.



Giant Zinnia.

# SUMMER-FLOWERING BULBS

We grow and offer only the most popular sorts that are inexpensive, easily grown, require scarcely any care, and make a showy and gorgeous display, none of which can fail to give satisfaction.

## 12 BEST CANNAS.

From a list of over 100 varieties grown at our nurseries we have selected the following as the best in their respective colors. We can supply any of the standard varieties, but would especially recommend those listed here.

**ALSACE.** Pale sulphur changing to white.  
**BEAUTE POITEVINE.** Brilliant crimson, scarlet shadings.  
**BLACK BEAUTY.** The finest dark leaved canna known.



French Canna.

**COMTE DE BOUCHARD.** Lemon yellow spotted red. Very fine.  
**EASTERN BEAUTY.** Light salmon and orange.

**EVOLUTION.** Golden yellow, center blush pink, rich and elegant.  
**FLORENCE VAUGHAN.** Rich golden yellow, spotted red.  
**GOVERNOR ROOSEVELT.** Mottled, spotted and striped, rich and fine.  
**MARTHA WASHINGTON.** A deep bright pink; beautiful large trusses.  
**PARTHENOPE.** Color dark orange shaded with yellow. Extra large.  
**PILLAR OF FIRE.** Very bright scarlet. The richest and best.  
**SHENANDOAH.** Deep rosy pink. One of the most desirable.

Any of the above 12 sorts, 15c. each, or \$1.50 per doz., postpaid.  
 Extra Strong Plants. We can supply strong pot grown plants 12 to 15 inches high, for shipment May 15th, customer's choice of colors, but our selection of varieties. These are fine for immediate effect on the lawn, as many of them will be ready to flower or in blossom when shipped. \$2.00 per doz., or \$15.00 per 100 by express at purchaser's expense.

## SIX ORCHID-FLOWERING CANNAS.

Of the many orchid-flowered Cannas introduced the six offered below are the most distinct and desirable.

**AMERICA.** Glowing red flamed purple, yellow throat.  
**AUSTRIA.** Pure Canary yellow with reddish dots in center of petals.  
**BURBANK.** Yellow with crimson spots.  
**ITALIA.** Bright orange scarlet banded yellow flowers, 7 to 8 inches broad.  
**MRS. KATE GRAY.** Orange scarlet overlaid with gold.  
**PENNSYLVANIA.** Vermillion scarlet, orange sheen. One of the best.  
 Any of the above orchid flowered Cannas, 15c. each, or \$1.50 per doz., postpaid.

## MIXED LARGE FLOWERING CANNAS.

From all varieties grown at our nurseries including some very rare sorts mixed by accident and otherwise which we offer unnamed at the very low price of 10c. each or \$1.00 per doz., postpaid, by express at purchaser's expense, 25 for \$1.75, or \$6.50 per 100.

## MAY'S ROYAL MIXED GLADIOLUS.

In this mixture we have placed many of the best named varieties. By carefully growing for a series of years, and rejecting the poorer kinds each season, we have produced a strain which, for size of bloom and brilliancy of coloring, is unsurpassed.

Large bulbs, guaranteed to bloom, 3 for 10c.; 30c. per doz.; 50 for \$1.00, or \$2.00 per 100, by mail. By express, at purchaser's expense, \$1.50 per 100; \$14.00 per 1,000.

Second-size Bulbs, which will flower the first summer if planted early, 5 for 10c.; 15c. per doz.; \$1.00 per 100, postpaid; by express, 75c. per 100; \$6.75 per 1,000.

## GLADIOLUS CHILDSII.

This fine strain is famed for size of spike, flower and vigor of bloom. The colors are varied and brilliant. Mixed colors, 6c. each, 3 for 15c.; 55c. per doz.; \$4.00 per 100, postpaid.



Gladioli.

## 12 NAMED GLADIOLI FOR 30 CENTS.

For those desiring a small collection of choice named sorts, we have made a selection of twelve of the finest and most distinct named sorts, giving the widest range of colors.

**AUGUSTA.** Pure white, blue anthers.  
**BERTHA.** Flame colored purple throat.  
**BRENCHLEYENSIS.** Intense fiery scarlet.  
**CANARY BIRD.** Clear canary yellow.  
**CERES.** White spotted purplish rose.  
**CHAMONT.** Lilac, shaded purple.  
**CORSAIRE.** Dark velvety scarlet.  
**COUNTESS CRAVEN.** Rose flaked carmine.  
**EMMA THURSBY.** Striped carmine, white.  
**MADAM MONERET.** Delicate rose color.  
**MAY.** Pure white flaked rosy carmine.

**SNOW WHITE.** Pure white slightly tinted.  
 For 30 Cents We will mail one bulb each of the 12 varieties named above. We offer each variety at 5c. each, postpaid and will quote special prices by letter to parties desiring to plant beds of separate varieties.

## THREE POPULAR JAPAN LILIES.

**AURATUM.** (The Golden-Banded Lily of Japan.) Petals are a clear ivory-white, banded with rich golden yellow and heavily spotted at base with deep crimson. 20c. each; 3 for 50c.

**SPECIOSUM MONSTROSUM ALBUM.** The large flowers are purest white; petals heavily reflexed. 20c. each; 3 for 50c. 7 for \$1.00.

**SPECIOSUM RUBRUM OR ROSEUM.** White, shaded with deep rose. Very beautiful. 20c. each; 3 for 50c.; 7 for \$1.00.

**SPECIAL OFFER.** One each of above 3 varieties, first size bulbs, postpaid, 50c.



Lilium Auratum.

## 12 BEST DOUBLE SHOW DAHLIAS.

**ARABELLA.** Pale primrose, shaded lavender  
**GEM.** Deep velvety crimson.  
**GOLIAH.** Deep garnet red.  
**GRAND DUKE ALEXIS.** White tipped rose.  
**JOHN WALKER.** Best pure white.  
**MRS. DEXTER.** Rich deep salmon.  
**MRS. GLADSTONE.** Delicate shell pink.  
**PEARL.** Pale lavender, shaded lilac.  
**PRINCE BISMARCK.** Rich deep purple.  
**QUEEN OF YELLOWS.** Best clear yellow.  
**RED HUSSAR.** Pure cardinal red.  
**STANLEY.** Golden yellow tipped red.

Your selection of the above varieties, by mail, postpaid, at 20c. each; any 3 for 50c., or any 7 for \$1.00. The complete set of 12 varieties, by mail, for \$1.50. By express, at purchaser's expense, 15c. each; 4 for 50c., or \$1.25 per doz.

## 6 NEW CACTUS DAHLIAS.

**CAPSTAN.** Brick red shaded apricot; remarkably free flowering.  
**EARL OF PEMBROKE.** Bright plum color.  
**PURITY.** The best white. Perfect flower and free bloomer.  
**KRIEMHILDE.** Delicate shell pink and white.  
**JOHN ROACH.** Clear pure yellow, fine form.  
**MRS. BENNETT.** Soft crimson. A rich and pleasing color.

Fine roots of the above cactus Dahlias, 20c. each; 3 for 50c. or the set of 6, 90c., postpaid; by express at purchaser's expense, 15c. each, \$1.25 per doz.

## 4 DOUBLE POMPON DAHLIAS.

**SUNSHINE.** Vivid scarlet. The richest and most attractive.  
**SNOWCLAD.** The finest white. Very desirable for bouquets.  
**ZOAR.** Yellow edged pink. Fine form and long stems.  
**RAPHAEL.** Deep maroon. Rich and pleasing variety.

Fine roots, 20c. each, or the set of 4 for 70c, postpaid, by express at purchaser's expense, 15c. each.

## MIXED DOUBLE DAHLIA ROOTS.

Over 100 choice and valuable sorts, including many of last year's novelties, in mixture unnamed. 10c. each; 6 for 50c; \$1.00 per dozen, postpaid. By express, at purchaser's expense, \$6.00 per 100.



Dahlia, Show or Fancy.



Begonia Tuberous Rooted.



Calla, Little Gem



Esculentum.



Hyacinth Candicans.

## Other Choice Summer Flowering Bulbs.

### BEGONIAS.

#### TUBEROUS-ROOTED VARIETIES.

This showy flower has become very popular and deservedly so, as they are the handsomest of all Summer flowering tuberous rooted plants. To those of our customers who are tired of planting Geraniums every year we would recommend their trying a bed of Begonias as a substitute. They will succeed in any rich well drained soil, and prefer a position where they will be protected from the direct rays of the sun during the hottest part of the day. They also make fine pot plants for the conservatory or window garden. They may be had in both single and double sorts in the following colors:

**Single.** White, Rose, Scarlet, Yellow, Orange. Separate colors. 10c. each; 3 for 25c.; \$1.00 per doz., postpaid.

**Mixed.** All colors. 8c. each; 75c. per doz., postpaid.

**Double.** White, Rose, Scarlet, Yellow, Orange. Separate colors. 20c. each; 2 for 35c.; \$1.75 per doz., postpaid.

**Mixed.** All colors. 15c. each; \$1.35 per doz., postpaid.

### CALLAS, Strong Bulbs.

**White Calla.** The White Calla is a well known plant of easy culture, and in winter is one of our best window plants. Price, 20c. postpaid.

**Little Gem.** It is of dwarf habit and does not grow scraggly like the taller varieties. Our experience proves that it is a true everbloomer, the flowers appearing in great profusion both in summer and winter, when grown in pots, or it will bloom profusely all summer long in the open ground, and potted in September will continue blooming without intermission all winter. The same plant will grow and bloom for years without once ceasing, and the quality of the bloom which a good plant will produce is astonishing. Its numerous flowers are of good size and best quality, much larger than the common sort, and snowy white in color. Price, 20c. postpaid.

**Spotted Leaf.** Dark green leaves, beautifully spotted with white. The flowers are white with a purple throat. 25c. postpaid.

**Black Calla.** A remarkable variety producing velvety black blooms, with coal black spathe. 30c. postpaid.

### New Yellow, Mrs. Roosevelt.

Flowers light clear yellow foliage blotched white. 30c. each, postpaid.

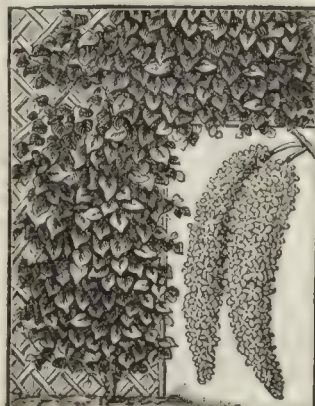
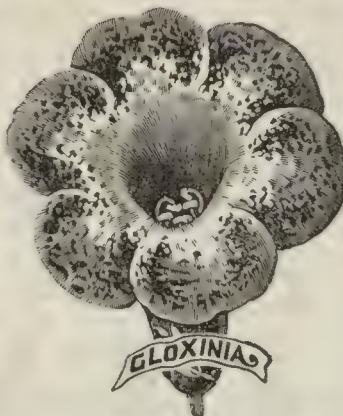
### CALADIUM ESCULENTUM.

#### Elephant's Ears.

A handsome plant of tropical aspect, bearing leaves sometimes a yard or more in expanse. Effective as a single plant on a lawn, or in groups; also useful for decorative effect near streams or ponds. Good sized bulbs 15c.; Large bulbs, 25c.; Mammoth, 35c., postpaid.

### GLOXINIA.

The Gloxinia is a grand flower and makes a lovely pot plant as easily grown and cared for as many of the common flowers. Without seeing them no one can appreciate their unrivaled beauty; they are of large size, beautiful shape and profuse bloomers, the colors ranging from pure white to dark blood-red, pink, bluish, lavender, indigo-blue, marbled and spotted. They will bloom in six to eight weeks from time dry bulbs are planted. The flowers will last in water, when cut, over two weeks in perfect condition. **MIXED STRONG BULBS** ready for immediate growth and bloom, 10c. each, or 3 for 25c., postpaid.



Madeira Vine



Oxalis

### CINNAMON VINE.

Hardy climber with dark-green foliage, and late in the season bearing a profusion of small white flowers of a delicious cinnamon fragrance. Strong tubers, 5 cts. each; 50c. per doz., postpaid.

### HYACINTH CANDICANS.

A stately bulbous plant, with large yucca-like leaves, growing as high as four feet. The flowers are pure white. 5c. each; 6 for 25c.; 12 for 50c., or 30 for \$1.00, by mail, postpaid.

### MADEIRA VINE.

A beautiful rapid growing climber, bearing graceful racemes of fragrant white flowers; very pretty and useful. 5c. each; 40c. per doz. postpaid.

### SCARLET FREESIA.

A most charming bulbous-rooted plant for summer blooming or pot culture. It bears brilliant carmine-crimson flowers, the lower petals marked with a dark spot. Always plant at least six in a pot or group, 1 or two inches deep. 6 for 15c.; 25c. per doz., postpaid.

### SUMMER FLOWERING OXALIS.

These useful little plants are very effective in masses or beds and are particularly valuable for edgings. They produce an unbroken row of foliage and showy flowers. Pure white, pink or red. Either color, per doz., 10c.; 35 for 25c.; 100 for 50c. postpaid.

### TUBEROSES.

The Tuberose is pre-eminently a plant for everybody. Its lovely, waxy flowers are so fragrant that a few "pips" will perfume a room or a single plant a greenhouse, but especially is it of value in furnishing a continuous supply of blooms for bouquets, coat flowers, or for ladies' hair. The "pips" may be taken off as they expand, and as they do this gradually, a few plants will provide for a long period.

### DOUBLE DWARF PEARL.

An improved strain of the Dwarf Pearl, bearing very heavy spikes of largest double flowers. Price, 5c. each; 6 for 25c., postpaid.

### SILVER LEAVED.

This is an early single kind, with striped leaves, making a grand show on account of its striking foliage. Each, 5c.; doz., 50c., postpaid.

## \$1.00 BARGAIN COLLECTION OF 20 CHOICE BULBS:

- 1 Begonia, double.
- 1 Begonia, single.
- 2 Gloxinia.
- 1 Calla Lily.
- 1 Caladium.
- 1 Cinnamon Vine.

- 1 Madeira Vine.
- 2 Hyacinth Candicans.
- 2 Tuberoses.
- 1 Canna Dwarf.
- 1 Dahlia, Double.
- 6 Gladioli, mixed.

Labeled, carefully packed; and guaranteed to reach buyer in good condition. We make this remarkable liberal offer to introduce our Splendid Flowering Bulbs to new customers. Positively no change can be allowed in varieties at this low price.

**EXTRA.** With every order for this collection, we will include a Free package of a New Pansy.



Blue Spirea.

in the open ground or as a pot plant in the house. It is of Chinese origin and makes a clean healthy, vigorous growth, producing its charming plume like bluish lavender blossoms from early summer until late fall. It is seldom or ever attacked by insects, and is of easy culture. Every one who loves flowers should have one. 15c. each.

### BEGONIA REX. (Ornamental-Leaved Variety.)

Rex Begonia stands out pre-eminently as the most beautiful, as well as the most desirable among decorative foliage plants. No description can do justice to the marvelous beauty of their foliage 20c. each.

### VIOLET. Prince of Wales.

The violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a whole room. Succeeds best in a shady sheltered place and increased by dividing the roots. 15c. each.

### NEW JUSTICIA VELUTINA.

Grown extensively by Parisian florists, for garden and table decoration. When only a few inches high it begins to bear clusters of large, pink, feather-like flowers, lasting for a long time, and is never thereafter out of bloom—frequently fifty spikes at one time. Of easy growth. 20c. each.



Brazilian Melon Fruit.



Begonia, Rex.

## New and Rare Plants.

### BLUE

### SPIREA

(Caryopteris Mastacanthus.)

A beautiful hardy perennial, which is equally well adapted to growing



Violet Prince of Wales.



Japanese Cedar.

### BRAZILIAN MELON FRUIT.

As an ornamental plant it has few equals, its splendid bushy habit, healthy growth and charming foliage giving it the preference over many of the weaker and more delicate class. It also furnishes a most desirable, egg-shaped yellowish-orange colored fruit, which hangs pendant in clusters, just below the beautiful foliage. This fruit is of the most delightful flavor having a slightly sub-acid taste, entirely different from any other fruit we are acquainted with. For eating out of the hand, slicing or making into preserves, it is simply delicious, and its lovely appearance in a dish on a table can only be equaled by the finest tropical fruits. Strong plants, 25c. each.

### NIGHT BLOOMING JESSAMINE

This beautiful plant is of easy cultivation, with small white blossoms which are delightfully fragrant at night. It commences to blossom when only a few inches high and blooms through summer's heat and winter's cold. A clean, healthy grower at all times. Strong plants, 25c. each.



New Dwarf Justicia Velutina.

### MINNEAPOLIS VINE.

This is one of the most rapid growing climbing vines we have ever grown. It is particularly adapted for covering porches, trellises, screens, etc., a single plant often covering 50 to 75 square feet in a single season. The leaves are small, slightly rough on the upper surface and a bright green color. It produces an abundance of small, star shaped blossoms the entire season. We have known this wonderful plant to grow shoots 3 to 5 feet long in a single day. 10c. each.

### PERPETUAL BLOOMING PRIMROSE.

This rare novelty of the Primrose family forms one of the handsomest flowering plants we have ever grown. It commences to bloom when quite small and remains in bloom the greater part of the year. While the flowers are not large they are produced in such grand profusion that all other sorts are dwarfed in comparison. The blossoms are of a very pleasing, soft lilac shade and remain on the plant a long time before drooping. As a pot plant for house culture this has but few equals. The foliage is a beautiful shade of green and is at all times bright and healthy. Insects do not attack the plant and the bright flowers in their setting of green form a most charming combination rarely seen in any flower. 15c. each. Strong plants, 25 to 50c. each.

### JAPANESE CEDAR.

This is one of the most beautiful ornamental plants of recent introduction. It is of most easy culture and rapid growth, and succeeds in almost any situation, attaining a height of several feet in a few years. 25c. each.



Night Blooming Jessamine.

# NEW AND RARE PLANTS



Pansy Geranium.

## "PANSY" GERANIUM.

There is nothing that gives better returns for a little care, when grown in the window garden, than these; literally covered with flowers and frequently remain in bloom nearly all summer. Flowers large, ivory-white, veined with lake, blending into a beautiful aureole of bright solferino. 30c each.

## LEMON VERBENA.

A beautiful plant with verbena-like foliage which is delightfully fragrant. 15c each.

## CHENILLE PLANT.

The plant is of branching habit, healthy foliage and the flowers are most remarkable. The flower spikes which appear in pairs from the axils of the leaves, grow from two to three feet in length. They are of bright crimson color, drooping and mixing among the green foliage with charming effect. For bright and curious effect it has no equal. It grows as easily as a coleus, and blooms continually throughout the year. 25c each.

## PETUNIA, DOUBLE SNOW BALL.

After years of careful selection and propagation we are able to offer a white Petunia of immense size, a very vigorous and healthy grower and a most profuse bloomer. The blossoms, the largest we have ever seen, are a pure white, delicately fringed, fragrant, and when cut and placed in water will remain fresh for ten days or two weeks. 15c each.

## CAPE FUSCHIA.

A valuable pot plant which blooms almost incessantly during the summer months, and will stand more hardships and will produce more flowers than the common Geranium. The flowers are a bright scarlet and very showy. 20c each.

## CHINESE PAPER PLANT

As a pot plant it is magnificent, a strong vigorous grower, with splendid, Camelia-like foliage, deep shining green. Plants commence to bloom in small pots and continue throughout the year. As the plant grows older it is literally covered with an amazing number of blossoms of a dazzling rosy crimson, with deep golden yellow anthers. Planted in pots and trained over a trellis, a large plant of this superb novelty presents one of the most beautiful sights imaginable. 25c each.

## PORTO RICO COLEUS.

This highly ornamental plant comes from the mountainous district of Porto Rico. The leaves are beautifully variegated with a deep metallic purple shaded with bright rose and margined light green. It is particularly fine for beds and border and is entirely distinct from any other bedding plant. It produces small spikes of bloom, but its chief value lies in its decorative qualities. Grown as a pot plant in the house it is very bright and effective and at all times presents a very pleasing appearance. 10c each, \$1.00 per doz.



Hibiscus (Southern Beauty.)



Petunia Double Snowball.



Malabar Vine.

## MALABAR VINE.

A very interesting climbing or trailing plant. The leaves are light creamy white, striped and marked with gray and green. It grows rapidly and forms a very pretty plant in a short time. The flowers are a very delicate shade of pink. 20c each.

## HIBISCUS "SOUTHERN BEAUTY."

Every limb and twig is clothed with deeply 5-cleft leaves, toothed and crimson margined. All summer and fall (until checked by frosts) it covers itself with handsome and very striking flowers, deep crimson, shading darker in the throat. As a pot plant it blooms while very small, and we have had them in thumb pots carrying flowers larger than the plants themselves. May be wintered in pit or cellar. Nice plants, 25c each.

## HOYA CARNOSA, WAX PLANT.

Since the introduction of this superb plant its popularity has steadily increased. The flowers are bluish-white, resembling wax, and are borne profusely in large umbels. The foliage is thick and fleshy, and extremely handsome in appearance. It is a quick grower and a good bloomer, continuing in bloom for a long time. Grown in pots or boxes outdoors during spring and summer, it is justly the most beautiful and valuable of plants. 20c each.

## BOSTON FERN.

It is of such easy culture and rapid growth, and is so graceful and ornamental that it is superseding nearly all other varieties, both with the florist and amateur. Its long, graceful, drooping fronds often attain a length of five or six feet in a single year, while its foliage is always clean and healthy, not subject to the attacks of scale, mealy bugs and other insects. 25c each, \$2.50 per doz.

## PIERSONI FERN.

This superb novelty is a sport from the well known Boston fern and is unquestionably the handsomest decorative variety ever introduced, even surpassing the highly prized Maiden Hair. It is of the easiest culture imaginable, attains a large size in a short time and at all stages of its growth and development is most handsome. Strong young plants, 50c each, postpaid. Larger plants, \$1.00 to \$10.00 each, by express.

## BOUVARDIA, Alba.

A beautiful single free flowering pure white variety; excellent for cut flowers no matter whether for bouquets or table decoration. A spray of it is sure to be most prominent and pleasing and the fragrance is deliciously refreshing, and if well grown they will continue flowering eight or nine months out of the year. They only need the ordinary course of cultivation accorded the Geranium, and when growing and flourishing to be supplied with liquid manure occasionally. 25c. each.



Boston Fern.



**All Plant Orders** Will be mailed as soon as possible after receiving them, weather permitting. With our cold winters, however, it is oftentimes unsafe to ship any plants before March 1st. Not only will the plants arrive in better condition if shipped at that time, but they will be much larger and stronger than if shipped earlier, so that customers will lose nothing by waiting. If, however, our customers desire their plants immediately we will comply with their wishes in the matter as soon as we think it safe after receiving their orders. All plant and bulb orders are filled from our greenhouses and will be mailed in separate packages from there and not with the seeds.

**Plants by Express** —While plants can be safely sent by mail and our guarantee accompanies all such shipments, we would advise all customers ordering plants to have

them sent by express. The cost is a trifle more, but our patrons are repaid by receiving larger and stronger plants, and we always include extras more than sufficient to cover express charges.

**Free.** With all orders for plants we send our booklet—*The A B C's of Successful Floriculture*, containing many valuable hints on the care and culture of house plants.

**Extra Plants.** While we do not offer discounts on plant orders we will give extra plants free of charge on all orders whether sent by mail or express. The prices named by us are as low as good plants can be sold at. Our stock is well-grown, carefully packed, and guaranteed to reach destination in good condition. We prefer to send out stock that will give satisfaction rather than offer big discounts and send out puny plants that will never be thrifty.

**Important.** Plants sent by mail have but little soil left on the root, and should receive careful attention on their arrival. If they appear wilted, place them in lukewarm water for fifteen or twenty minutes. This will revive them. They are guaranteed to reach our customers in the United States in a perfectly healthy, living condition. If they do not, and we are notified immediately on their arrival, we will replace free of charge any that do not show signs of life. After arrival at destination in good condition our responsibility ceases. All plants will be sent by mail, postpaid, unless otherwise noted in our catalogue or customer instructs otherwise. If sent by express the customer will pay express charges. Please note that we guarantee the safe arrival of all plants sent by mail to any point in the United States, provided the above conditions are complied with by the customer.

### ABUTILION.

Flowering Maple.

The Abutilons are popular for their vigor of growth, clean foliage, and constant blooming. Each, 15c., unless otherwise noted.

**INFANT EULALIE.** Clear satiny pink.

**GOLDEN BELLS.** Golden yellow.



Abutilon Souvenir de Bonn.

**SAVITZII.** A striking variety. The leaves are green, with a heavy white border, more than one-half of the leaf being pure white.  
**SPLENDENS.** A beautiful deep red variety.  
**SOUVENIR DE BONN.** A distinct variety. Foliage large, deep green color, not mottled as in other variegated forms, but each leaf is edged with a broad white margin. Flowers large, bronze-red. Each, 15c.  
**NEW DOUBLE, THOMPSONI PLENA.** Rich orange, shaded with crimson.  
**ECLIPSE.** A pretty trailing variety. Foliage beautifully marked deep green and yellow; flowers bright yellow, with crimson throat.

### ACALYPHA TRIUMPHANS.

A beautiful foliage plant with large, showy foliage. Color, red, streaked and dashed green, yellow white and other colors. 15c. each.

### ACHYRANTHUS.

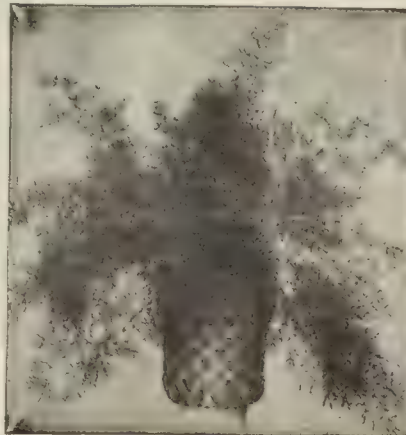
Dwarf growing foliage plant. Color a deep blood red. 10c. each.

### ASPARAGUS.

**Sprengeri.** One of the most rapid growing plants, making great pendulous masses of fine feathery foliage, exceedingly graceful and beautiful. Grown in hanging baskets or large pots, it makes one of the most graceful plants imaginable. As a house plant it has no superior, as it withstands the indoor temperature well. Each, 25c.; large plants, 50c.; to \$1.00 by express.

### Plumosus Nanus, or Lace Fern.

Beautiful on account of its light feathery growth, which very much resembles lace. The graceful dark green foliage surpasses the Maiden Hair Fern in delicacy of texture. Splendid as a pot plant and for decorative purposes. Each, 25c.; large plants by express, 50c. and \$1.00 each.



Asparagus, Sprengeri.

### AGERATUM.

**STELLA GURNEY.** Round bushy heads of fine deep blue, a shade not approached by any other bedding plant. 15c. each.

### ALTERNANTHERA.

These beautiful plants are among the most showy we have for carpet bedding, borders, or ribbon lines, and are especially adapted for use in the formation of letters or figures on the lawn. Each, 10c.; doz., 75c.; by mail, prepaid, 100, by express, not paid, \$5.00.

**AUREA NANA.** Foliage bright green and yellow.

**PARONYCHOIDES MAJOR.** Bright carmine, yellow, and green.

### ASTERS.

Grown from the best selected seeds. Colors, white, pink, blue and red. Strong seedlings. Ready May 1st, 50c. per doz. Pot plants, ready June 1st 10c. each, \$1.00 per doz.

### FLOWERING BEGONIAS.

Begonias are deservedly popular for their beautiful foliage, graceful flowers, free-blooming qualities, and easy culture. Each, 10c.; except where noted.

**ALBA PICTA.** Leaves narrow, green, and nicely spotted with white. Flowers white, in clusters.

**DIADEMA.** A variety with large, deeply cut foliage, rich olive green with silvery dots and veins.

**INCARNATA.** Dark green leaves spotted white. Flowers showy pink.

**MARGUERITE.** Blossoms rose colored.

**M. DE LESSEPS.** Leaves green, richly spotted with silver. Flowers white and rosy pink.

**METALLICA.** Surface of leaf a lustrous metallic or bronze color, veined; flowers white. 15c. each.

**SANDERSONII.** Scarlet. Winter bloomer. 15c. each.

**OTTO HACKER.** Flowers bright coral red.

**PAUL BRUNT.** Delicate rose, changing to white.

**WELTONIENSIS ROSEA.** White and pink flowers.

**ROSEA MULTIFLORA.** Waxy white flowers.

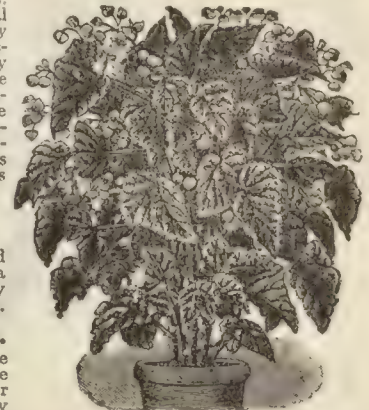
**SUBPELLATUM NIGRICANS.** Darkest foliage.

**PRES. CARNOT.** Flowers coral red.

**RUBRA.** Deep green leaves; coral red blossoms.

**THURSTONII.** Pink flowers and metallic foliage.

**VERNON.** A dwarf variety, especially valuable for bedding. The foliage is a rich red, glossy green edged with red. The flowers when first opened are a deep red, which change to a clear rose color. 10c. each; \$1.00 per doz., \$6.00 per 100 by express.



Begonia Metallica.



Browallia Jamesonia.

**BROWALLIA JAMESONIA.**

**ORANGE VIOLET**—An old but neglected plant, forming compact bushy heads, which, when the plants are in bloom are covered with large violet shaped flowers of a bright orange color, giving it a rich golden appearance. 15c each.

**BRUGMANSIA.**

One of the most beautiful plants of recent introduction. The flowers are drooping, bell shaped, of immense size, many of them being a foot and over in length and 8 to 10 inches in diameter. The color is creamy white, and it is very fragrant. A robust grower and a very fine bloomer, it being no uncommon sight to see 20 to 30 of these immense blooms open at the same time. The bush attains a height of from 3 to 5 feet, can be grown outside in summer or indoors in winter. As it is quite tender, care must be taken to remove it indoors as soon as frost appears. 20c each.

**SELECT CARNATIONS**

The following list embraces the cream of the standard and well-tried varieties, together with the best of the newer introductions:

**BOSTON MARKET.** Very free flowering white.

**ENCHANTRESS.** Exquisite delicate pink, largest size.

**FLAMINGO.** A new scarlet of unsurpassed beauty.

**FLORA HILL.** Enormous size, pure white.

**G. H. CRANE.** Clear brilliant crimson, finely fringed.

**GOV. WOLCOTT,** pure white, very large bloom.

**JOOST.** Very large clear pink, very fragrant.

**LADY BOUNTIFUL.** Large pure white.

**MRS. LAWSON.** The largest flowering dark pink.



Enchantress Carnation.

**CHRYSANTHEMUMS. BEST VARIETIES.**

**MRS. F. BERGMAN.** Early large creamy white.  
**MRS. J. G. WHILDIN.** One of the best yellows.  
**MRS. HENRY ROBINSON.** Extra large, pure white.

**YELLOW QUEEN.** Pure golden yellow.  
**MAJOR BONAFFON.** Soft pure yellow.  
**COL. APPLETON.** Deep yellow.

**TIMOTHY EATON.** Pure white.

**MAUD DEAN.** Pink. Almost rose.

**W. H. RAYMOND.** Large pure yellow.

**ZANOMA.** The best late white.

**W. H. CHADWICK.** Pure white tinged pink.

**MARIAN NEWELL.** Extra size, true pink.

**PRICE 10c each; \$1.00 per doz.**

Special quotations made on large lots to parties desirous of growing them for flower shows. Small plants cannot be supplied after August 1st. We can supply large plants of the leading sorts for fall blooming after September 1st at 50c to \$1.00 each by express.

**CORONILLA GLAUCA**

A thrifty, rapid growing bushy little plant bearing an abundance of fragrant, pea shaped, yellow flowers. 15c each.

**CUPHEA EMINENS.**

**CIGAR PLANT**—A charming plant which grows rapidly to a height of fifteen or eighteen inches, bearing a mass of scarlet flowers tipped with gold and green. Valuable for pot or open garden culture and especially desirable on account of its healthy habit. 15c each.

**DRACENA INDIVISA.**

A beautiful decorative plant. Adapted to pot culture and fine for centres of vases, rustic boxes, etc., on the lawn. Small plants, 25c each postpaid. Strong plants, 15 to 18 inches tall, \$1.00 each by express.

**FABRIANA IMBRICATA.**

A small pot plant with cedar-like foliage, which produces an abundance of charming, pure white tubular blossoms. 15c each.

**FISCUS ELASTICA.**

(Rubber Plant.) A very graceful, ornamental plant with broad, glossy leaves of deepest green. Strong plants, by express, 75c to \$2.00 each.

**FERNS.**

**ASSORTED VARIETIES** for jardinières and ferneries. Strong thrifty plants, 20c each, by mail; or \$1.50 per dozen by express.

**MAIDEN HAIR**—Our stock of these is very complete, the finest and best we have ever grown.

1st size. 25c each, postpaid.

2d size. 75c each by express.

3d size. \$1.50 each by express.

Extra fine specimens, \$5.00 each.



Fuchsia.

**NELSON FISHER.**

Bright red, large

**PROSPERITY.** Pure white, shaded pink.

**WHITE CLOUD.** Pure white, fragrant and lasting.

**PRICE, 15c each; \$1.50 per doz.**

We can supply strong, field grown plants in September at 30c each, postpaid; or \$2.50 per doz. by express.

**FUCHSIA.**

**EARL HOLT**—Single, striped red and white.

**HELENE**—(Tree Fuchsia.) Large, semi-double, orange scarlet blossoms.

**LORD BYRON**—Large, single purple blossoms.

**MRS. E. G. HILL**—Large double blossoms; corolla pure white sepals dark red.

**MRS. MARSHALL**—Semi-double; corolla carmine, sepals white.

**PRINCE NAPOLEON**—Double purple blossoms.

**TRAILING QUEEN**—A choice variety of trailing or drooping habit.

**PRICE 10c each or 3 for 25c.**



Cuphea Eminens.



Geranium Mars.

**PALMS.**

If you want  
large Plants  
send for our  
special price-  
list.



Kentia (Palm.)

**GERANIUMS. GENERAL LIST.**

The improvement in the Geranium, both in the size of the individual flower and the truss, is wonderful when compared with the flowers of a dozen years ago. Many of the single flowers are larger than a silver dollar and the trusses are immense balls of living color.

**BEAUTY POITEVINE.** Rosy salmon, best semi-double flowers.

**JEAN VIAUD.** Semi-double, pure pink.

**JOHN DOYLE.** Bright vermillion; semi-double

**LA INCONTABLE.** Double rose color.

**MAD. ROZAIN.** Double white. Very large truss 15c. each.

**PREDICTION.** Double cerise pink.

**S. A. NUTT.** Dark crimson. One of the best double varieties 15c. each.

**MARS.** Flowers single, deep rose salmon shading to white.

**MRS. E. G. HILL.** Single salmon.

**MRS. J. M. GARR.** Single white.

**MRS. BEARDSLEY.** Single salmon pink.

**MAD. POIRIER.** Violet carmine, single flower.

**QUEEN OF THE WEST.** Single scarlet.

**IVY LEAF VARIETIES.**

This class has thick, glossy, Ivy-shaped leaves. Plants drooping in habit. Excellent for baskets, vases, and house plants.

**BEAUTY OF CASTLE HILL.** Soft rose color.

**JEANNE DE ARC.** Flowers very large, pure white.

**SOUV. CHAS. TURNER.** Flowers bright pink.

**SILVER LEAF VARIETIES.**

Leaves White-Margined. This class has marked leaves, the center being bright green, and the edges silvery white. They are elegant plants for the house in winter, the foliage making a beautiful contrast.

**MOUNTAIN OF SNOW.** Large leaves, edged silver.

**MAD. SALLEROI.** Small leaves, tinted white.

**GERANIUM. Sweet Scented.**

**ROSE.** This is the most desirable of the scented and fragrant varieties. Price of all Geraniums, each, 10 cents; three for 25 cents; per dozen, \$1.00; except as noted.

**GENISTA CANARIENSIS.**

A beautiful yellow flowering plant that flowers so freely as to literally cover the plant with its rich golden yellow blooms. 15c., Each.

**HELIOTROPE.**

The heliotrope is prized more for its fragrance than for the beauty of its flowers, though, as grown today, they are very handsome. It is a favorite with everyone. Heliotropes require a sunny location, as they do not do well when grown in the shade. Very desirable for house culture, a single plant filling a whole room with perfume. Each, 10c.; three for 25c.; doz., \$1.00.

**HISBISCUS.**

**COLLERI.** Lemon yellow, base of petals crimson scarlet. 15c. each.

**COOPERI.** Foliage variegated. Flowers single, crimson. 15c. each.

**GEN. GRANT.** A giant flowering double red. 25c. each.

**PEACHBLOW.** Double pink crimson centre. 25c. each.

**HONEYSUCKLE, Fuchsia Flowered.**

A vigorous grower with long trailing branches covered with beautiful trumpet shaped blossoms. 15c. each.

**HONEY SUCKLE, GOLDEN LEAVED.**

A most beautiful little house plant with golden yellow leaves, mottled and veined green. 10c. each.

**HYDRANGEA. HORTENSIA.**

The well known and favorite old variety, producing immense clusters of pink blooms. 25c. each.

**IVY.**

**German or Parlor.** An old favorite that is very useful for hanging baskets and vases. Tender. Each, 10c.

**English.** The old popular variety. Hardy. Each, 10c; two for 25c.

**JUSTICIAS. PLUME PLANTS.**

These flowers when quite young, throw up large, plume-like blossoms.

**CARNEA.** A very beautiful red. 20c. each.

**FLAVA.** Yellow. New and desirable. 20c. each.

**LANTANA.**

The Lantana produces a compact head of flowers of different and changing hues—white, crimson, scarlet, and yellow—sometimes all on the same spike.

**HENDERSON.** Beautiful orange, changing to crimson. 10. each.

**LA NEIGE.** Pure white with faint shades of yellow. 10c. each.

**New Weeping.** This Lantana is a fine plant, of graceful, drooping habit, producing flowers at each leaf. The flowers are a brilliant rosy lilac, and literally cover the whole plant. One of the best plants for hanging baskets. Entirely distinct from any other flower. 15c. each.

**MANETTIA VINE.**

**Manettia Bicolor.** A beautiful twining plant, producing very showy tubular flowers from one to two inches in length, and in such abundance that the plants are literally covered with them the entire season. The flowers are intense fiery scarlet, with bright yellow tip. Each, 15c; two for 25c.

**OLEANDERS.** The set of 3 for 75c.

**PRINCE ALBERT.** Mammoth white flowers, perfectly double. 30c each.

**LA ROSFRIE.** Lovely double pink blossoms. 30c each.

**GOLDEN WEST.** Double flowers of golden shade. 30c each.

**PALMS.**

**Kentias.** give better satisfaction as a house plant than any other varieties. They are of slow growth, and are not affected by the dust and dry atmosphere of the house, and were we to select one Palm only, it certainly would be a Kentia. 30c. each, postpaid; large plants by express, \$1.00 to \$10.00, each.

**Latania. (CHINESE FAN PALM.)** This popular variety is too well known to require description. We grow them in immense quantities. 25c. postpaid \$1.50 to \$10.00 each, by express.

**Phoenix Reclinata.** A strong growing form of the Date Palm, with dark green, glossy foliage. 30c. each postpaid.

**Cocos.** The most elegant and graceful of all the smaller Palms. Its slender, erect stem is freely furnished with its gracefully arching leaves, of a rich green color. Admirable for fern-dishes, as they are of slow growth and maintain their beauty for a long time. 30c. each postpaid; 75c. to \$3.00 each by express.

**Umbrella Palm.** Nice growing plants, 15c. each postpaid; larger plants, 25c., 50c. and 75c. each by express.



Primula (Chinese Primrose.)

## PETUNIAS.

Double Varieties. 15c. each, or set of 4 for 50c. The plants which we offer produce blooms of the largest size, double, and of the most beautiful and striking colors. They make excellent pot plants and are equally valuable for beds, boxes, etc.

**DOUBLE, WHITE.** (See page 56.)

**ADONIS.** A delicate shade of pink.

**EUREKA.** An elegant red variety.

**FRITZ.** Deep purple, marked and penciled with cream and pink.

## PRIMULA, SINENSIS. (Chinese Primrose.)

Our stock has been grown from the choicest strain of seed to be obtained. Strong plants, 15c. each.

## PRIMULA FORBESI—(or Baby Primrose.)

A new and distinct variety and one of the most prolific bloomers we have ever grown. The flowers are of medium size, pinkish white, borne on long stems and remain fresh a long time after being cut and placed in water. 20c. each, 3 for 50c.

## PRIMULA OBCONICA GRANDIFLORA.

A strong, compact grower, with beautiful green leaves and tall graceful stems, bearing large fringed flowers of a delicate pink tinge. 25c. each, 3 for 60c.

## PELARGONIUMS.

### (Lady Washington Geranium.)

**Sandiford's Surprise.** A charming flower of splendid habit. Big black blotches in upper petals, edged fiery red, surrounded with a broad band of white; lower petals white, with bright red spot in center of each. 30c. each.

**Mrs. Sandiford.** A splendid semi-double white flower, some flowers showing a small rich maroon spot in upper petals, heavily fringed. 30c. each.

**Sandiford's Best.** A new and distinct flower of a beautiful shade of pink, surrounded with a deep band of the purest white, with large white throat. 30c. each. The set of 3 for 75c.

## POMEGRANATE.

**The Gem.** A beautiful plant of symmetrical growth, equally good for bedding or pot culture in the house. The blossoms, which are borne quite freely, are of a beautiful orange scarlet color. As the plants are deciduous, they can be kept in the cellar during the winter and started again the following spring. It is quite hardy in the South, remaining uninjured in the open ground during the winter. 15c. each.

## RUSSELLIA JUNCEA.

It produces numerous long, wiry stems, which are leafless. The flowers are borne on these stems being about the size and shape of Manettia blossoms. 15c. each.

## SERISSA.

It has bright, glossy green foliage, and produces a profusion of lovely double white blossoms. 15c. each.

## SOLANUMS.

**Jasminoides Grandiflorum.** A beautiful plant with star shaped flowers borne in clusters of purest white, with a violet tinge on back of petals. 15c. each.

**Capsicastrum.** Jerusalem Cherry. A dwarf branching plant which produces an abundance of small scarlet berries during the fall and winter. Very handsome and decorative. 15c. each.

## SMILAX.

A beautiful climber of rapid growth and easy culture. 15c. each.

## PANSIES.

We can ship choice plants in bud and bloom at any time, 10c. each, 50c. per doz., postpaid; \$3.00 per 100 by express.

## PASSIFLORA—(Passion Flower.)

This is the prettiest and most easily cultivated of all the rapid growing climbing vines.

**Constance Elliott.** Blossoms pure white except a slight coloring at the base of the corolla. 15c. each.

**Pfordi.** This we consider the best variety known. Its beautiful flowers are borne very freely even on small plants. They are of a rich shade of blue, suffused with rose. 15c. each.

## BOWKER'S PLANT FOOD

### —MAKES FLOWERS FLOURISH—

It has no odor whatever, and can be used dry or dissolved in water for sprinkling. Use it and your flowers will flourish and their health will last.

Small size (feeds 25 plants 6 months), 25c.; large size (enough for a year), 45c. Sent postpaid.



Sutherlandia.

## SUTHERLANDI.

It is of dwarf, compact habit, with bright green foliage, delicately cut. The flowers, which are borne in great profusion, are the shape of a sweet pea, borne on long stems, color brilliant scarlet. 15c. each.

## SWAINSONIA ELEGANS.

The flowers are of the most beautiful shade of rose, and as freely produced as the above variety. 15c. each.

## THUNBERGIA FRAGRANS.

A magnificent variety of climbing habit, deep green waxy leaves, and flowers as large as silver dollars, of pure waxy whiteness, with a delicate lemon yellow spot in the center or throat. 20c. each.

## TECOMA SMITHI.

A dwarf, bushy trumpet creeper, with flowers over 2 inches in length, of a rich lemon color shading to dark orange yellow. 15c. each.

## VERBENAS.

Grown from cuttings from the giant flowering varieties. 10c. each. \$1.00 per doz.

## VINCAS.

Trailing vines for window boxes, vases and baskets. Green and variegated leaved. 20c. each.

## BEDDING PLANTS.

Many of our customers desire large plants in bud or bloom, for immediate effect in May or June. We can supply nearly all varieties named in our list in large plants, and will cheerfully quote prices on them on application. For those who do not have the time to write we quote the following list of well established sorts for outside planting. All blooming varieties will be in bud or blossom when we ship, and will be sent by express at purchaser's expense.

It must be distinctly understood, however, that we will ship our selection of varieties, although we will conform to customer's wishes as far as possible in making selection.

Prices quoted are for plants to go by express at purchaser's expense. Our selection of varieties. 6 at dozen rates, 50 at 100 rates.

	Per Doz.	Per 100
AGERATUM. Blue .....	\$1.00	\$6.00
ALTERNANTHERA. Red or yellow.....	.75	4.00
ALYSSUM. White .....	.75	4.00
ASTERS. Transplants ..	.50	4.00
ASTERS. Seedlings .....	.25	2.00
BEGONIA. Vernon .....	1.00	6.00
CANNAS. 12 to 15 inches high .....	2.00	15.00
COLEUS. All varieties .....	.75	5.00
DUSTY MILLER.....	.75	5.00
GERANIUM. From 3½-in. pots .....	1.50	12.00
GERANIUM. From 4-in. pots .....	2.00	15.00
GERANIUM. Silver leaf, from 3-in. pots ..	1.00	6.00
LOBELIA. Blue trailing.....	.50	3.00
PANSIES .....	.40	3.00
PETUNIAS. Single.....	1.00	6.00
PETUNIAS. Double.....	2.00	12.00
ROSES. From 2-in. pots.....	1.00	6.00
ROSES. From 4-in. pots.....	2.50	18.00
VERBENAS. Assorted colors.....	.75	5.00

## 3 Geraniums for 25c.

### Best Bloomers, Finest Colors.

**MADAM ROZAIN.** A handsome variety, with splendid large trusses of magnificent double white flowers.

**QUEEN OF THE WEST.** Bright orange red, a profuse bloomer and one of the finest single varieties.

**S. A. NUTT.** Large double, dark crimson flowers and the most popular variety grown.

**For 25c.** We will send postpaid, one strong plant each of the three varieties.



Swainsonia.

## EVERBLOOMING TEA ROSES.

For many years we have made the growing of Roses a specialty, studying their habits and characteristics, testing all the new varieties as they appeared from year to year, and importing the latest novelties from the European growers. Many sorts, after thorough trial, have been discarded as worthless; others have been retained and improved upon; still others have worn out and deteriorated until they were practically useless. By this constant "weeding out process" we have kept our list up-to-date and are enabled to supply our customers the very best that money, time and experience can produce.

### Our Growing Methods

Differ radically from those of many of the so-called rose growers. We never force our young plants. They are grown in a cool situation, thoroughly well rooted in sand, then potted up and kept growing slowly. This gives them an abundance of fibrous roots and a strong healthy constitution. Plants grown in this manner will ship a long distance in perfect condition and commence growing vigorously the moment they are transplanted.

### Everblooming Tender Roses.

These are especially nice for planting on the lawn in beds, producing an abundance of bloom the entire season. They are also well adapted for pot culture in the house. This list contains the best roses grown, and will afford unbounded satisfaction to all who grow them. Unless otherwise noted, 10c each; \$1.00 per doz.; postpaid; by express, \$5.00 per 100, for strong young growing plants.

### GENERAL LIST.

**Beauty Inconstant.** This is the most remarkable flower ever introduced. A single bush will at the same time bear flowers of various colors, ranging from crimson to light pink, through the various shades of red, orange, rose, pale pink and salmon. The buds are particularly beautiful, large, pointed and well made. Also fine for bedding as its variable flowers are produced continuously through the season. 20c. each, postpaid.

**Belle Siebricht** This grand variety introduced a few years since, is one of the best we have ever grown for summer blooming. The flowers are of large, full form, of a rich, deep pink color. It is a wonderfully free bloomer, and is quite hardy in some Northern localities. 15c. each, postpaid.

**Bride.** Large creamy white, changing to pure white.

**Bridesmaid.** Large, full, fragrant blossoms of pure bright pink.

### Champion of the World.

Blossoms of largest size, a lovely, clear deep pink. Excellent for out door culture.

**Coquette Des Lyon.** Clear canary yellow.

**Dr. Reymont.** Very fine, double, dark red.

**Golden Gate.** This is a free, ever-blooming variety of great vigor of growth, clean healthy habit, fine foliage and handsome bloom. The flower stems are long and stiff, the blossoms being borne well above the foliage. The blossoms are of largest size and magnificent form, creamy white sometimes delicately tinged pink on the ends of the petals. 15c. each.

**Ivory.** A grand variety of recent introduction identical with Golden Gate, except it is pure white without any tinge.

### Kaiserin Augusta Victoria.

One of the most beautiful of all Roses for open ground culture. It is a most vigorous grower, having clean, handsome, waxylike foliage. It is celebrated for its elegant, large pointed buds and large full double flowers, which are delightfully fragrant. The color is a delicate creamy white.

**LaFrance.** Large, well-expanded, light pink blossoms.



Golden Gate.



Beauty Inconstant.



Madame Chantenay.



Kaiserin.



Richmond.



### Madam Cusin

streaked with grey.

Bright purplish crimson base of inside petals sometimes

### Madam Chantenay

While comparatively an old variety this is one of the most charming sorts in existence.

**Its Color.** Is hard to describe, as the delicate shadings are so perfectly blended into and through each other. It is a bright rose carmine shaded salmon, a most glorious combination.

**The Flowers.** are of large size, as large or larger, than the *Fa France*, the buds pointed of fine form for button-hole use, the center petals are slightly recurved. The buds unfold slowly, while the flower is most handsome from the time the buds begin to show color until it is fully expanded. It never fades. Its fragrance is fine. Its growth is strong, stocky and vigorous. 15c. each, postpaid; by express, \$1.20 per doz.

### Marion Dingee.

Deep, brilliant crimson. The darkest and richest colored

tea rose in existence.

**Meteor.** Rich velvety crimson. Excellent for bedding and well adapted for pot culture.

### Papa Gontier.

Dark crimson red, long pointed buds.

### President Carnot

Long pointed buds, Blossoms a delicate rosy blush, shaded a trifle deeper in the center. Delicious fragrance; a strong grower and free bloomer.

### Perle Des Jardens

Clear golden yellow. An indistinct from any other variety.

### Princes Bonnie.

Deep vivid crimson.

### Richmond.

Unquestionably one of the handsomest varieties of late introduction. A real red rose, shading to velvety scarlet or crimson as flowers mature. Flowers full and finely formed, very fragrant, a free strong grower and a profuse bloomer; the mass of color produced being phenomenal. It is the rose for everybody. Succeeding under the most ordinary conditions. As a cut flower, it is par excellence. 15c. each, postpaid.

### Safrano

Bright apricot yellow, changing to orange and fawn; sometimes tinted with rose. very fragrant.

AMERICA'S



## Hardest Rose.

### "U. S. GRANT."

Almost as hardy as an oak. Will thrive in any section of the United States. Blossoms freely the entire summer. This is the famous rose we introduced as "Unknown Beauty" and which we allowed our patrons to name by votes. Thousands and thousands of votes were sent in from all parts of America, and General Grant proved to be the favorite. It is truly an ever blooming hardy rose, and can be grown by anyone. The flowers are of enormous size, cup-shaped, full and deep, the petals thick, heavy and of a peculiarly rich velvety red color. It is a magnificent rose, either in bud or as an open flower, and its deep color makes it especially desirable for cutting. It is one of the very few varieties which will succeed in all parts of the United States. You cannot procure U. S. Grant except from us, as we control the entire stock. Strong, well-rooted, young, growing plants

25c. each, postpaid.

2-year-old dormant plants by express 50c each; \$5 doz.



Souper Roses.

**Beauty of St. Paul** This grand variety introduced by us three years ago has proven more valuable than we at first supposed. It is equally adapted to growing in the open ground, or as a pot plant in the house. It is a strong, vigorous grower and a most profuse bloomer. It is not hardy in the north, though with slight protection it will live outside over winter anywhere south of the Ohio river. The color is a deep glowing pink, a trifle darker than the Bridesmaid. The buds are tight and pointed like that variety, though the petals are longer. When fully expanded the blossoms are similar to the La France. We have an immense stock of choice plants of this variety and would advise all our friends to place their orders early before it becomes exhausted. Price, 15c. each, postpaid.

**Liberty.** This variety, the acme of perfection in the rose grower's domain, will fill a long felt want, not only with the commercial florist, who wants flowers for profit, but also with the amateur, who grows them for pleasure and the love he bears them. It is an everblooming Hybrid Tea, said to be hardy in many localities in the North. It is a rapid, vigorous grower, a very free bloomer, with a beautiful, clean, healthy foliage at all times. The color is a deep, glowing crimson, the petals being covered with a rich, velvety bloom. It is very fragrant resembling the Hybrid Perpetuals in this respect. The buds are of perfect form and appearance, gradually expanding into blossoms of the largest size, which last a long time. Planted in the open ground it makes a wonderful growth, and is covered profusely throughout the season with its large fragrant blossoms. As a pot plant it is without a peer as it forms a compact bushy plant, at all times clean and healthy in bud and bloom. As a cut flower the past season, it commanded almost fabulous prices in New York and the large Eastern cities, where recent reports indicate an unprecedented demand for this flower wherever grown.

20c. each, postpaid; by express, \$1.50 per dozen.



Liberty.

**Gen. MacArthur** A new rose, by many growers thought to be the best red rose in cultivation. It is strong and hardy—of free branching habit of growth, every shoot producing a blossom. In color it is a vivid crimson scarlet. 40c. each, postpaid.

### The Charming Souper Roses.

In the whole domain of rose culture there is nothing to equal these glorious gems. Whether for pot culture in the house or for planting out in the garden or lawn, these peerless little beauties are unsurpassed. They bloom continuously. By this we do not mean that there are scattering blooms here and there on the plant all the time. They are one rounded mass of lovely flowers, set amidst charming foliage every day in the year. New buds forming all of the time and they require no rest from one year's ending to another.

They are strong bushy growers and are well adapted to pot culture as well as bedding out. While they are classed as polyantha or miniature roses, the blossoms are of good size, from 2 to 3 inches in diameter.

**Clothilde Souper** This is one of the grandest roses ever introduced, either for pot culture or bedding. It is a strong, dwarf grower, and the most wonderful bloomer ever known, being continuously in flower the entire year. The blossoms are large, round, flat, perfectly full and double, and deliciously fragrant. The color is pure white, shading to silvery rose in the center.

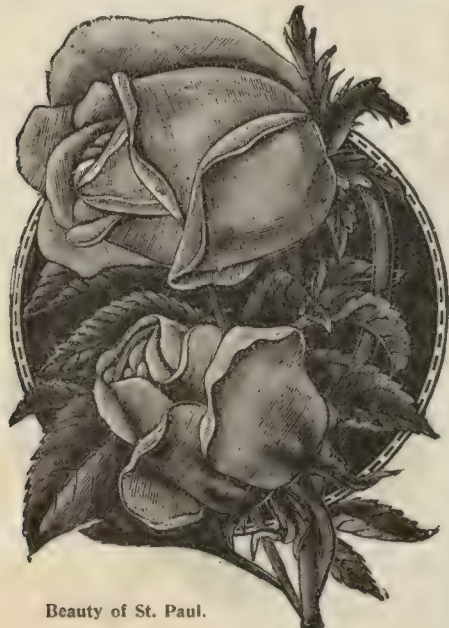
**Pink Souper** A worthy companion to the White and Yellow Souper. As free blooming as the White Souper, but of a deep, rich pink color.

**Yellow Souper.** (Moselia.) Combines the form and size of the habit of the Polyanthias; is quite hardy and may be left in open ground with slight protection during the winter. Blossoms very freely the entire season. Color light yellow, shading to white at edge of petals. Price, 10c. each; \$1.00 per doz.; 10¢ each for 25c., postpaid.

**Tree Roses.** These are grafted on hardy rose stalks 4 to 5 feet high, are tree shaped and when in full bloom are objects of beauty, making handsome plants for the lawn or rose border. In this shape we offer only the Hybrid Perpetual or hardy class. We have them in white, the different shades of pink, red and crimson. The unique effects produced by groupings or border lines of Standard Roses makes them very desirable. The leading hybrid Perpetual varieties can be successfully grown in the open ground, some protection or slight covering in winter being desirable. The plants require rich soil and moisture. A border along the line of a garden walk or fruit garden is always an attractive object when the plants are in bloom. Special importations of these Standard roses are made every season. Fine strong trees that will bloom nicely the first year, \$1.00 each. These can only be sent by express or freight.

### SPECIAL OFFER

**For 50c.** We will send by mail, postpaid, one each of the three Souper Roses, one U. S. Grant and one Liberty. Five splendid Roses, all strong rooted, making a collection of exceptional values. Each one a gem in its color.



Beauty of St. Paul.



Tree Rose.

## MOSS ROSES.

## Princess May.

The New White Moss Rose. The most free flowering White Moss we have ever seen, while its healthy habit of growth and large flowers are certain to make it a favorite wherever known. The buds are elegantly mossed and the blossoms exceedingly fragrant. It is a rose no lover of mosses should fail to secure.

**Ashbourne Prize.** This is without doubt the most beautiful deep red variety that has ever been introduced. The flowers are a rich, deep velvety red, extra large and highly perfumed. The plant is a strong, thrifty grower and produces its blossoms in the greatest abundance. Both this variety and Princess May are perfectly hardy. Strong 2-year-old plants 40c. each, postpaid. The two for 75c. postpaid. By express, 3 for \$1.00, 6 for \$2.00; doz., \$3.50.

## PRINCESS MAY



## ASHBOURNE PRIZE

## GOOD CLIMBING ROSES.

**Baltimore Belle** Pale blush, nearly white; very double. Flowers in large clusters, the whole plant appearing a perfect mass of bloom.

**Prairie Queen.** Bright rosy red; large, compact and globular flower; Blooms in clusters. One of the best.

**Seven Sisters.** Crimson, changing all shades to white. One of the old-fashioned favorites. Strong young plants, 10c. each, postpaid; field grown, 2-year-old dormant plants, 35c. each, postpaid; by express, 6 for \$1.50; 12 for \$3.00.

**Rugosa Roses.** (JAPANESE SINGLE ROSES.)—There are very valuable for planting in large masses, producing fine landscape effects. The foliage is very attractive, dark glossy green, thick and leathery, shining as if varnished. The blossoms are large, single, and produced in greatest profusion from early summer until fall. These are followed by bright, attractive seed pods. The plants are vigorous and are not troubled with insects.

**RUBRA.** Deep rose, borne in large clusters.  
**ALBA.** Pure snowy white, in large clusters. Strong 2-year-old plants, 40c. each, post-paid; by express, \$3.50 per dozen.



Empress of China

## 60c. COLLECTION.

## FIVE CHOICE.

## Climbing Roses.

**EMPRESS OF CHINA.** "Apple Blossom Rose."  
**CRIMSON RAMBLER.** Hardy Everywhere.  
**DOROTHY PERKINS.** The Pink Rambler.  
**YELLOW RAMBLER.** The only yellow.  
**WHITE RAMBLER.** The best white.  
One strong plant of each of the 5 sorts, postpaid, for 60c.  
Strong, field grown, 2-year-old dormant plants, for \$1.50 by express.

## 50c. COLLECTION.

## 6 GRAND BEDDING ROSES.

We have selected the hardiest most vigorous free blooming sorts for this collection; those which we know are admirably adapted for bedding purposes. They cover a wide range of colors, and will please every one.  
**BEAUTY INCONSTANT.** All colors.  
**GOLDEN GATE.** Creamy white, tinged pink.  
**ETOILE DE LYON.** Rich golden yellow.  
**QUEEN OF SCARLETS.** Rich velvety scarlet.  
**MAD CHATENAY.** Carmine, shaded salmon.  
**KAISERIN.** Creamy white.  
One strong plant of each, postpaid, for 50c.



Crimson Rambler.

**Crimson Rambler.** This is certainly the most wonderful climbing rose ever introduced and each year's experience with it only strengthens our confidence in it. It is absolutely hardy in all localities, a most vigorous grower, a most prolific bloomer, fine for growing on trellises, unexcelled for covering porches, walls, etc.; admirable for pot culture for Easter forcing, at all times when in bloom, producing a gorgeous mass of crimson blossoms which remain on the plant a long time. The plant often grows from 12 to 15 feet in a single season, commencing to blossom in June, continuing throughout the season. The flowers are deep crimson, borne in immense clusters, which remain on the plant a long time.

**Yellow Rambler** This is a fit companion for so beautiful and valuable a rose as the Crimson Rambler. It is perfectly hardy, more vigorous in growth, if possible, than the Crimson, a profuse bloomer and succeeds well in any and all localities. The flowers are pure yellow, double, of good size, fragrant and borne in immense clusters like the Crimson, and last a long time without fading.

**White Rambler.** The plant is strong, vigorous and hardy, a most prolific bloomer. The blossoms are very pure white, borne in clusters and remain on the plant a long time. It closely resembles Crimson Rambler in every particular save color.

## Improved Pink Rambler.

(Dorothy Perkins.)—This grand new Rambler variety bids fair to rival the well known Crimson Rambler when it becomes generally disseminated. It is said to be as hardy as the Crimson, blooms as freely and surpasses the former in size, form and beauty of bloom. The blossoms, which are borne in immense clusters of from 20 to 30 are about 1½ inches in diameter, perfectly double, the petals prettily rolled back and crinkled, of a beautiful shell pink color, which holds a long time without fading. As a florists' forcing plant for Easter it is bound to become most popular.

**Price of Ramblers.** Well-rooted strong, healthy, growing plants, 15c. each, or the 4 for 50c., postpaid. Strong, field-grown, 2-year-old, dormant plants, 35c., each, or the 4 for \$1.25, postpaid, by express, \$3.00 per dozen.

## Empress of China "The Apple Blossom Rose."

One of the grandest and best climbers ever introduced. It is a vigorous grower, attaining a height of 15 to 20 feet in a single season. The buds and blossoms are of handsome form and are borne very profusely throughout the season. The color is a soft dark red, changing to lighter red or pink like an apple blossom rendering the plant very handsome and showy. This rose is perfectly hardy everywhere, while its great beauty and usefulness commend it for general planting. Strong young plants, 15c. each, 3 for 40c.; 2-year-old, field grown dormant plants, 40c. each, 3 for \$1.00, postpaid; by express, \$3.50 per dozen.



## MINNESOTA COLLECTION.

We offered this collection last year and received so many flattering commendations from customers who purchased them that we feel they are the hardest and best collection of roses ever sent out. Consequently we have propagated an immense stock of these varieties and again offer the collection to our customers, knowing that it cannot fail to give perfect satisfaction.

**Magna Charta.** Rosy red, flushed violet crimson. Very large, full and fragrant.

**Paul Neyron.** Deep clear rose. Blossoms largest size, full and double. Very fragrant.

**Prince Camille de Rohan.** Dark velvety crimson, the darkest in cultivation. Full and double.

**Margaret Dickson.** White with pale flesh center; of magnificent form and very fragrant.

**Francois Levet.** Soft China pink, shaded carmine and blush. A most vigorous grower.

**Lady Helen Stewart.** Bright crimson scarlet. Very fragrant, profuse bloomer.

**For 50 cts.** we will mail one good strong plant of each variety of the six Elegant Roses described above. Separately, 10c. each, postpaid.

Six 2-year-old plants of the above collection for \$2.00, postpaid, or for \$1.50 by express.

## GENERAL LIST OF HARDY HYBRID PERPETUALS—\$20.00 per 100

**ALFRED COLOMB.** Brilliant carmine crimson, very large, full and of fine globular form.

**ANNE DE DEISBACH.** Brilliant rose color, with long, pointed buds.

**BARON DE BONSTETTIN.** Rich velvety maroon; large, full.

**CLIO.** Color, delicate, satin blush, with a light shading of rosy pink.

**COQUETTE DES ALPS.** Large, full flowers of pure white, slightly tinged with blush.

**DUKE OF ENDBURG.** A sturdy, compact grower. Blossom large and full, bright scarlet crimson, shaded maroon.

**EARL OF DUFFERTON.** Rich brilliant velvety crimson, shaded with dark maroon.

**GEN. JACQUEMINOT.** A rich velvety crimson, changing to scarlet crimson.

**JOHN HOPPER.** Bright rose with carmine center, large and full.

**LA REINE.** Beautiful, clear bright rose, very large, fine and full.

**LOUIS ODIER.** Bright carmine rose, large full flower.

**MAD. GABRIEL LUIZET.** Flowers extra large; color, clear coral rose suffused with lavender and pearl.

**MAD. CHAS. WOOD.** Bright fiery scarlet, passing to fine rosy crimson, shaded maroon.

**MAD. PLANTIER.** Very large, double, pure white.

**MAD. ALFRED DE ROUGEMONT.** Pure snow white flowers, tinted and clouded with pale, rosy blush.

**PIERRE NOTTING.** The blossoms are of globular form, very large, highly scented, of a deep velvety crimson color. The best fall bloomer we know of.

**ULRICH BRUNER.** Brilliant cherry red.

**MRS. JOHN LAING.** A continuous bloomer. Large long stems. Fine large blooms of good form and exceedingly fragrant. Color, soft pink.

**MARSHALL P. WILDER.** Bright cherry-red; of good size, perfectly double and very fragrant.

**PERSIAN YELLOW.** A very free bloomer. Semi-double.

Strong, young growing plants from our Greenhouses, 10c. each; \$1.00 per dozen, postpaid.

Strong, two-year-old dormant plants, 35c each, postpaid; by express, per doz., \$3.00; per 100 \$20.00

## AMERICAN BEAUTY. The best, Sweetest and Best of all Hardy Roses.

This is perhaps the grandest and most beautiful rose now known. It is a genuine Hardy Ever-Blooming Rose. For immensity in size, rich color, exquisite form and delicious fragrance it stands without an equal. It is a quick and bushy grower and a continuous bloomer, makes magnificent buds and large, deep, double flowers, and is valuable both for house and garden culture. Color is a rich, rosy crimson, shaded and veined in the most charming fashion; fragrance is wonderfully sweet, not surpassed by any Rose we know. Strong two-year-old dormant plants 40c, each, postpaid; or \$4.00 per doz., by express, or freight.

## BARONESS ROTHSCHILD.

### A MAGNIFICENT HARDY HYBRID PERPETUAL ROSE.

The flowers in color are bright rosy pink, of immense size and globular form, somewhat cupped and well filled to the center, as shown in our illustration.

In habit of growth this variety is splendid, being very strong and possessing large, heavy foliage, which by virtue of its toughness is especially free from mildew and insect attacks, rendering it very valuable in open ground. It is perfectly hardy and blooms twice and frequently three times in a season. We recommend it as one of the grandest and most satisfactory Roses in cultivation. Same price as American Beauty.

## HARDY MEMORIAL ROSE. (WICHURIANA.)

A trailing species from Japan creeping on the ground almost as closely as an ivy. The foliage is a deep rich, glossy green, shining as if varnished. The blossoms are pure white, while the sepals form a large yellow disc in the centre. It is perfectly hardy everywhere, the foliage remaining green and glossy until Christmas. It is appropriate for covering graves and cemetery plots; for arbors, trellises, rocks, stumps, embankments or any other unsightly places. Strong 2-year-old plants, 40c, each; or 3 for \$1.00 postpaid; \$3.00 per doz., by express.



Baroness Rothschild.



American Beauty.



Hardy Memorial.

# "THE Minnetonka,"

## Minnesota's Great Seedling Apple



### "THE MINNETONKA" APPLE

AS HARDY AS AN OAK. IT THRIVES AND YIELDS WHERE ALL OTHER VARIETIES FAIL. FRUIT VERY LARGE, FLESH TENDER, CRISP, SUBACID. THE IDEAL COOKING AND CHOICE DESSERT APPLE. SEASON LATE, KEEPING TWO MONTHS LONGER THAN THE WELL KNOWN WEALTHY PROPAGATED, OWNED AND CONTROLLED BY US.

WE GUARANTEE EVERY TREE OF THE MINNETONKA VARIETY PURCHASED FROM US UNTIL IT PRODUCES A BUSHFUL OF FRUIT AND WILL REPLACE FREE OF CHARGE ANY TREE THAT MAY DIE BEFORE THIS RESULT IS OBTAINED. WHAT STRONGER RECOMMENDATION CAN WE GIVE?

#### PRICES.

4 to 5 ft. trees - 75¢ each - 3 for \$2.00 - 6 for \$3.00 - 12 for \$6.00  
 MAIL SIZE, ONE YEAR OLD - 40¢ each - 3 for \$1.00 - 6 for \$1.75 - 12 for \$3.00

FOR HISTORY, TESTIMONIALS AND FULL DESCRIPTION OF THIS FAMOUS VARIETY, SEE OTHER SIDE.

L. L. MAY & CO.

ST. PAUL.  
 MINN.

# THE "MINNETONKA" APPLE

## MINNESOTA'S GREATEST SEEDLING THE GUARANTEED APPLE . . . . .

We Not Only Guarantee the Tree to Grow, But Until it Produces ONE BUSHEL OF FRUIT.

### A MINNESOTA SEEDLING and MINNESOTA GROWN

Bears Regularly and Abundantly—Very Small Core—Good Keeper—Blight Proof

Tested and tried for years, found to be the hardiest, most productive of all Apples, and an Apple to plant in the Northwest. Each tree carries our seal and guarantee. None genuine without. Grown in the "MOST NORTHERN NURSERIES IN AMERICA."

Originated near Lake Minnetonka, Minn., and original tree purchased by us some twenty years ago, knowing at that time it was the most promising Seedling ever introduced, yet we felt, in justice to ourselves and the fruit-growing public of the Northwest, that it was a matter of business to thoroughly test this new Seedling before pushing its sale and recommending it for commercial planting.

This tree has more "good, fresh blood" in it than any other apple in this country. Tree hardier than the Duchess, Longfield or Gideon, and is, in point of fact, hardier than any variety yet introduced in the West or North.

Color, red; fruit very large, handsome shape, flesh tender, crisp, sub-acid, the ideal cooking apple.

Season, late. Keeps about two months longer than the Wealthy and others of that class, ripening about that time.

We have in the "Minnetonka" the apple which we have been seeking to place in the hands of farmers of the Northwest for twenty years. We have worked hard for it, testing everything which promised to be of value, until we can now, and without hesitation, cry "Eureka—found at last."

We were not satisfied with one or two season's testing, but followed it up until we are now sure that we have a most valuable variety, with no doubts or guess-work; and furthermore, we feel that we shall accomplish a benevolent work by propagating and placing this variety in the hands of the farmers of the West and North. Our grower in charge of this variety, who has devoted sixty years of his life to this very work, has pronounced the "Minnetonka" to be the hardiest tree, most uniform and thrifty grower, and producing the finest fruit of any apple ever coming to his notice.

We guarantee every tree sold and paid for, until it produces a bushel of good fruit—what stronger endorsement could we give it?

The fruit matures full and evenly, clinging to the tree until late in the season, thus rendering it possible to hand-pick for market almost the entire crop. Two trees of the "Minnetonka" are worth a whole orchard of common apples.

We have spent time and money in producing and propagating this variety. Who will say it is not cheaper for a farmer to pay us \$5.00 for one of these trees, if he could not procure it for less, than to have some doubtful, cheap variety presented to him, spending, perhaps, two or three years of his short life caring for such, and at last be disappointed, getting no returns for his patience, use of land, etc.? Why not pay a few cents extra and buy the experience with the trees?

Plant the "Minnetonka" on your best ground, in a spot sheltered from bleak winds, if possible. It will pay you to do so. Use plenty of rich loam—if necessary haul it from some distant point. Dig a hole three feet deep and four across; set the tree well down, spreading the roots out straight and evenly, and sift the richest soil, well pulverized, about the roots, pressing same down firmly. After well set water liberally, and continue this for several days.

Mulch your trees well in the fall, after the ground is frozen, and remember, don't remove this mulching in the spring until all danger of frost is over. Use coarse straw manure, or straw, keeping it two or three inches from the trunk of the tree. If nothing better at hand, brush will protect to a considerable extent.

It will pay you handsomely to carry out this treatment with all your trees as well the "Minnetonka." Parties who expect stock to live, and want good returns from it, must simply give the necessary care and attention. Farmers are fast coming to the conclusion that satisfactory results cannot be obtained from jamming a tree into the ground in a shiftless manner and then leaving it to take care of itself. Care for stock and you will be repaid many times.

Years ago it was thought apple growing in Minnesota was a lost art, but of late our State proves to be one of the best apple growing States in the Union, when the proper varieties are planted. The Dakotas and Northwestern Canada have thought it impossible to grow apples, yet we stand ready to guarantee "Minnetonka" until it produces one bushel of fruit, showing our knowledge of its hardiness in these sections.

This apple is grown exclusively by us, owned and controlled by us, and cannot be offered by any other concern. To protect ourselves, each tree has our seal attached, and none are genuine without.



SEE OTHER SIDE FOR PRICES

L. L. MAY & CO., Nurserymen, ST. PAUL, MINN.

# Our Nursery Department.

Most Northern in America.

Our nurseries, located fifteen miles east of this city, consisting of about 300 acres, devoted to the growing of all classes of nursery stock that is hardy and adapted to the west and Northwest. Years ago we conceived the idea that nursery stock could be grown in this section, and that the people wanted just such stock as could be grown. They had experimented long enough in unhardy stock, but were willing to invest their money in stock that was suited and acclimated to the Northwest, hence our trade has been built on this basis, "Northern Grown Nursery Stock for the Northwest." Making the stock the most hardy and reliable for planters in all parts of the United States.

**We Do Not** offer as large a collection of varieties as do some other firms, but those we do offer are the cream. Parties desiring to plant large orchards should write for special quotations.

**All New Varieties** are thoroughly tested, and if they do not give satisfaction all around we do not offer them, hence you may be sure what we do offer is perfectly hardy, of A No. 1 quality and valuable to the planter.

**Our Mail Order Department.** All trees, shrubs, vines, etc., offered by mail post-unpaid, are young, thrifty stock, well rooted and established and sure to grow under ordinary care and conditions.

**Prices by Express or Freight** Means that purchaser pays all transportation charges upon receipt of stock. We make no charge for boxing, packing and delivering to express or freight office.

**All Stock will be Packed** in the most approved manner, so as to reach our customers in the best possible condition. All heavy packages should be sent by freight to avoid excessive charges. Express rates are very reasonable on this class of goods, being 20 per cent less than regular merchandise, pound rates to apply.

**St. Paul** is the greatest railroad centre in the Northwest, and we can ship by any route, freight or express, on short notice.

## Our Packing Sheds and Cellars

are the most complete in the country, enabling us to pack and ship in all kinds of weather, in the winter as well as spring.

**In Filling Orders** we reserve the right to substitute varieties considered by us of equal merit, provided we are sold out of the variety ordered. In such cases we label the variety substituted with its true name. But if customer wishes no substitution made and so states in his order we will fill order as far as possible and return money for the unfilled portion.

**Our Guarantee.** We guarantee all our stock to be up to size and grade specified in list and to be in a healthy living condition when it leaves our hands. This guarantee holds good only when we are notified promptly on arrival of goods, stating any errors or cause for complaint. We also guarantee stock to be true to name, with the understanding, that if it does not prove so, we will replace such stock free of charge.

## ALL TREES, PLANTS AND VINES.

THAT COMPRISE NURSERY STOCK and must be sent in a dormant condition will be forwarded to purchaser as soon as the weather conditions will permit them to be planted in your section, but must be sent separate from seed orders.

## Particular Notice.

In making out orders customers should be very careful, especially in regard to mail orders, and see that varieties are offered in mail size. We often have orders for trees eight to ten feet in height by mail, which can not be sent. Mail packages can not exceed two feet in length, or four pounds in weight, but any number of packages can be sent of this size. We specify plainly all stock that is available, quoting prices as posted.

Care should be taken in making out your order. See that every thing in the Nursery Dept., such as Fruit Trees, Ornamental Trees, Shrubs, Vines, Plants, Roses, etc., etc., are placed on the proper side of order sheet, and separate from seed order, also give the size or grade wanted.

## PLANTING AND CULTURE.

Plow and pulverize thoroughly to a depth of 12 to 18 inches. When planting on grass plots, remove the sod for a diameter of four or five feet and keep the space well worked and free from weeds. Dig the hole deep and larger than is necessary to admit all the roots in their natural position, keeping the surface and subsoil separate. Cut off broken and bruised roots, and shorten the tops to half a dozen good buds, except for fall planting, when it is better to defer top-pruning until the following spring.

**Planting.** Fill up the hole with surface soil, so that the tree will stand about as it did in the nursery after the earth is settled. work the soil thoroughly among the roots, and when well covered, tramp firmly. Set the tree firm as a post, but leave the surface filling (or poorer soil) light or loose. No staking will be required except for very tall trees.

**Mulching.** After trees or bushes are planted it is a great advantage, in the spring or fall to mulch with a layer of litter or coarse manure 4 to 5 inches deep, extending 2 to 3 feet out from the trunk all around and sufficiently to cover all the roots beneath. This prevents the ground cracking or baking, and keeps the earth moist and of an even temperature.

**After Culture.** No grass or weeds of any description should be allowed to grow around young trees or plants. To get the best results the ground should be kept clean and loose around them, at least until they begin to bear. Where the ground is poor, surface applications of manure are needed. Pruning should be done regularly every spring before the buds swell; in this way removal of large branches is avoided.

## OUR MINNETONKA We guarantee a bushel of fruit from every tree.

## Suitable Distances of Trees, Etc., in Planting.

APPLES	.....	25 to 40	feet apart, each way.
CHERRIES	.....	16 to 18	" " " "
PLUMS, Standard	.....	16 to 18	" " " "
CURRANTS	.....	4 to 5	" " " "
GOOSEBERRIES	.....	4 to 5	" " " "
RASPBERRIES	.....	3 to 4	" " " "
BLACKBERRIES	.....	6 to 8	" " " "
STRAWBERRIES	.....	1 to 3	" " " "
GRAPES	.....	8 to 10	" " " "

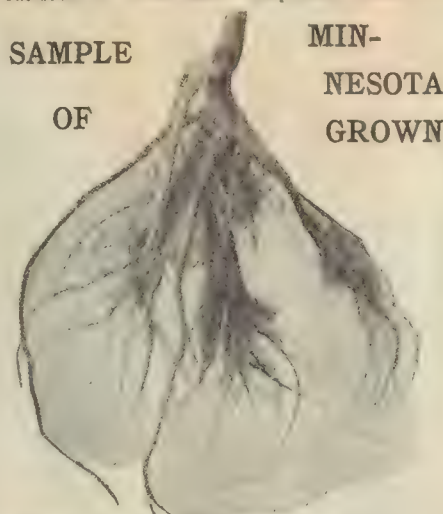
## Number of Plants on one acre, at Various Distances.

To estimate the number of Plants required for an acre, at any given distance, multiply the distance between the rows by the distance between the plants, which will give the number of square feet allotted to each plant, and divide the number of square feet in an acre (43,560) by this number; the quotient will be the number of plants required.

At 3 feet apart each way	.....	4,840
" 4 " " " "	.....	2,729
" 5 " " " "	.....	1,742
" 6 " " " "	.....	1,200
" 8 " " " "	.....	1,200
" 10 " " " "	.....	680
" 12 " " " "	.....	430
" 15 " " " "	.....	325
" 18 " " " "	.....	200
" 20 " " " "	.....	135
" 25 " " " "	.....	110
" 30 " " " "	.....	70
" 40 " " " "	.....	50



The box of plants as it comes from the nursery. The trees are packed in moss and straw. Open it at once, untie the bundles, and heel-in the plants out-doors or in the cellar. Keep roots covered.



Showing roots of Apple Tree as Received From Nursery.

Inspection completed Aug. 29, 1905.

## MINNESOTA AGRICULTURAL EXPERIMENT STATION.

Office of the State Entomologist.  
St. Anthony Park, Sept. 1, 1905.

## Certificate of Inspection.

This is to certify that the stock at the nursery and premises of L. L. May & Co., of St. Paul, Minnesota, has been carefully examined in compliance with the law, and that it is apparently free from dangerously injurious insects and contagious diseases.

This certificate is good until Aug. 29, 1906, unless revoked.

F. L. WASHBURN,  
State Entomologist.

Patten's Greening.

Perfectly  
Hardy.

Acclimated to the  
Northwest.



Wealthy.

### Success Collection.

N. W. Greening.

Duchess.

### Four Varieties of Commercial Value.

This collection is composed of the four leading varieties suited for Orchard planting in the northwest and covers the entire season. The varieties are perfectly hardy and are known by their commercial value. We recommend them for family orchard planting and guarantee them to give satisfaction to all planters. Having grown a large stock we make a special low figure.

**Duchess.** The fruit is round and firm, medium to large size, streaked with red and yellow, and is tender, juicy and pleasant. This best know of Russian Apples is also the handsomest and most generally valuable, succeeding even in the Northwest, where most varieties fail, and yielding well in all sections. Of best quality for cooking and esteemed by many for dessert. The trees bear young, abundantly; very hardy.

**Northwestern Greening.** This is a splendid variety. The tree is a straight vigorous grower. It commences to bear fruit early and bears annually thereafter. The fruit is large, smooth and symmetrical, light yellowish green, and of rich delicious quality. It is best in early winter. We can not say too much in favor of this apple, it is growing more in favor each year; it is not an apple for the Northwest alone, but is in favor throughout the entire country, being a robust grower and its fruit attracting attention in every market.

**Patten's Greening.** A seedling of the Duchess, originating in Northern Iowa. The tree is very hardy and productive. The fruit is large, olive green, with an occasional dull red stripe and unsurpassed for cooking purposes, the flavor being pleasant and sub-acid. This apple is classed as one of the hardiest for the Northwest and recommended by our State Horticultural Society for general culture as of first degree of hardiness. Fruit large, roundish oblate, surface yellowish green, with brown blush; stem short to very short; quality fine, good for table, excellent for cooking.

**Wealthy.** This Minnesota variety has proved reliable everywhere after many years trial. The fruit is medium to large and dark crimson. The flesh is white tinged with red, crisp, sub-acid and unsurpassed quality. This variety is a monument to its originator, who spent many years in originating new varieties and the Wealthy being one of the best. There are many seedlings of the Wealthy; some of our best new sorts and ones of greatest promise come from its seed.

Mail size, postpaid, 1 each, 4 trees, 50c; 3 each, 12 trees, \$1.25; 10 each, 40 trees, \$4.00.  
3 to 4 feet, 2 year, express or freight, 1 each, 4 trees, 75c; 3 each, 12 trees, \$2.00; 10 each, 40 trees, \$4.00.  
4 to 5 feet, 2 year, express or freight, 1 each, 4 trees, \$1.00; 3 each 12 trees, \$2.50; 10 each, 40 trees, \$6.00.  
4 to 5 feet, 2 year, \$15.00 per 100.

### CHOICE FRUIT COLLECTIONS.

SUITED FOR TOWN OR CITY GARDENS.

Collection No. 1, Price, \$3.00. By express or freight.

- |   |                                    |
|---|------------------------------------|
| 3 Hardy Apples, 4 to 5 feet, summer, fall and winter. | 2 Cherries, selected, 4 to 5 feet; |
| 2 Crab Apples, 4 to 5 feet, early and late.           | 6 Raspberries, red;                |
| 2 Plums, selected, large, 4 to 5 feet                 | 6 Gooseberries;                    |
| 6 Raspberries, black;                                 | 25 Strawberries;                   |
| 6 Currants, red and white;                            |                                    |
| 25 Asparagus;   |                                    |

Collection No. 2—Price \$1.50, postpaid.

- |                                 |                                |
|---------------------------------|--------------------------------|
| 4 Hardy Apples, early and late; | 2 Crab Apples, early and late; |
| 1 Rocky Mountain Cherry;        | 12 Raspberries, red and black; |
| 3 Currants;                     | 3 Gooseberries;                |
| 25 Strawberries;                | 12 Asparagus.                  |



### LANDSCAPE DESIGNS.

In our nursery department we make a specialty of laying out and designing grounds, both public and private. We have found that many of our customers in making their selection did not know just what was needed or how to plant to get best effect. Oftentimes beautiful trees and shrubs lose their effect by improper locations.

We are prepared to aid any of our customers and will send our plans to fill in giving locations of their home and grounds.

McMahon White.

Charlamoff.

Repka Malenka.



Okabena.

Peerless.

Antonovka.

## PRIZE COLLECTION OF NEW HARDY IRONCLAD APPLES.

The following varieties have been selected as the best suited for the Northwest. They are all new and have been tested so that we can heartily recommend them, as they comprise the cream of the list, and should be planted in every orchard, either for commercial or family use. They are recommended by the experimental station of the Northwest and endorsed by the fruit growers.

**Antonovka.** A true ironclad tree of Russian origin, perfectly hardy, withstanding our coldest winters in perfect condition. Fruit large, slightly oblong and when fully ripe of a light golden color, sometimes lightly splashed with crimson. Quality best.

**Charlamoff.** Of Russian origin. One of the hardiest and best we have ever grown. Fruit of medium size, slightly oblong, heavily splashed with red and of the finest flavor.

**McMahon's White.** Fruit very large, nearly white and most attractive. Tree a good grower and very productive.

Mail Size Postpaid. 6 trees, 1 each, 75c.; 3 each, 18 trees, \$2.00; 5 each, 30 trees, \$3.00; 3 to 4 feet, 2 year, express or freight, 6 trees 1 each \$1.25; 3 each, 18 trees, \$3.00; 5 each, 30 trees, \$5.00. 4 to 5 feet, 2 year, express or freight, 6 trees, \$1.50; 3 each, 18 trees \$3.75; 5 each, 30 trees, \$6.00. 4 to 5 feet, \$15.00 per 100.

**Okabena.** A seedling of the Wealthy, fertilized by the Duchess. Fruit, size and flavor of the Duchess, but in color a little darker.

**Peerless.** Originated in Minnesota some fifteen years ago, but has never really been known to have so many good qualities, but with age it has grown into favor with all fruit growers of the Northwest, being far above all other varieties of its class. The fruit is large, round, well colored, and is first class for cooking or eating. The tree is a good grower, with a very heavy dark green foliage.

**Repka Malenka.** A true Russian ironclad. As hardy as the Wealthy, as prolific as the Duchess; unsurpassed in flavor. Fruit medium to large, yellow and of finest quality.

This is one of the best keepers of the Russian varieties and while not large in size is very valuable in the Northwest for its keeping qualities. It is regarded as the best apple for planting in Northwest Canada; in fact it has not shown any sign of tenderness wherever planted.

## FARM GARDEN COLLECTION No. 3.

PRICE \$5.00. BY EXPRESS OR FREIGHT.

- 12 Apple Trees, 4 to 5 feet, early, medium and late.
- 3 Crab Trees, 4 to 5 feet, early and late.
- 12 Plum Trees, 4 to 5 feet, excellent sorts.
- 2 Cherry Trees, 4 to 5 feet, excellent sorts.
- 12 Currants, red, white and black.
- 6 Grapes, red, white and black.
- 6 Gooseberries.
- 25 Raspberries, red, yellow and black.
- 50 Strawberries, two good varieties.
- 25 Asparagus.
- 3 Rhubarb.

Value of  
this Collec-  
tion,  
\$9.50 for  
\$5.00

## FRUIT GROWERS COLLECTION No. 4.

PRICE \$15.00. BY EXPRESS OR FREIGHT.

- 40 Apple Trees, 8 distinct varieties, 4 to 5 feet.
- 10 Crab Apples, 4 to 5 feet, choice varieties.
- 12 Plums, four choice varieties.
- 12 Cherries, four choice varieties.
- 25 Currants, red black and white.
- 25 Gooseberries, good selection.
- 500 Strawberries, 3 varieties, early, medium and late.
- 100 Raspberries, red and black.

Value of  
this Collec-  
tion,  
\$24.00 for  
\$15.00

## COLLECTION OF NEW FRUIT FOR \$3.00.

- 1 Minnetonka Apple, 4 to 5 feet.
- 1 Surprise Plum, 4 to 5 feet.
- 1 Compas Cherry, 3 to 4 feet.
- 6 Minnesota Pride Raspberry.
- 6 Kingston Raspberry.
- 3 Whinham's Tree, Gooseberry, 2 year.
- 3 Red Cross Currants.
- 12 Mrs. Miller Strawberry.

Value of  
this Collec-  
tion \$4.50 for  
\$3.00



Do not omit from your order the MINNETONKA APPLE the hardiest variety for the Northwest, we not only guarantee each and every tree to grow but to produce ONE BUSHEL of fruit. Fruit large, highly colored, commands highest market price and should be in every orchard.

**Bismark.** This variety was introduced a few years ago from New Zealand and promises to take most prominent place with the fruit growers of America. It has been thoroughly tested in Russia, Germany, France, England, the United States and Canada and has proven to be a most valuable acquisition to the list of select varieties on account of its extreme hardiness and early fruiting as well as for the high quality of its fruit. The tree bears when only one or two years old and fruits regularly every year thereafter. In some cases it has been grown as a pot plant for table decoration, and is most unique and beautiful with its handsome, rich fruit and dark green foliage. The apples are of the largest size and have a distinct and delicious flavor.

(Strong, 1-year-old plants, 20c. each; 6 for \$1.00; 12 for \$1.75, postpaid; 4 to 5 ft., 30c. each; doz., \$3.00, express or freight.

## Standard Varieties of Apples.

**Anisin.** This is another valuable sort from Russia. The tree is a strong upright, symmetrical grower. The fruit is of medium size, most excellent flavor, and keeps a long time in good condition.

**August.** A Minnesota variety, originating with Peter Gideon, the pioneer in apple culture in this state. The fruit is light yellow, heavily streaked and splashed with bright red. It ripens a little later than Duchess, and is of unsurpassed quality for either cooking or eating from the hand.

**Cross.** A Russian iron-clad sort. Fruit medium to large, yellowish green, striped and splashed red. A handsome fruit of good flavor.

**Gideon.** The tree is a vigorous grower, bears early and is sure and a constant producer. The fruit is juicy, has a sub-acid flavor and keeps well toward spring.

**Gilbert.** A choice variety resembling the Duchess in color but ripening about 3 weeks later. Its flavor is similar to the Duchess, but not quite so acid.

**Harry Kaump.** Originated in Wisconsin and is one of the best and hardiest propagated today. Fruit medium green with a show of color on sunny side; mildly acid and unsurpassed for dessert uses.

**Hibernal.** Russian. Large, showy fruit, striped red. A fine grower and a most desirable variety for the Northwest.

**Iowa Blush.** Tree a perfect iron-clad. Fruit of medium size, with whitish red cheek.

**Kirkbridge White.** A hardy, upright grower. An early yellow color; oblong shape. Flavor mild, sub-acid.

**Longfield.** The fruit is firm, medium to large, yellowish green, striped with red and has a blush on the sunny side. It is of a sub-acid flavor.

**Lou.** A Minnesota seedling of the 'Duchess. Fruit greenish, yellow striped with red and of excellent quality.

**Malinda.** This is an exceedingly hardy variety, one of the very best in the entire list for the Northwest as well as for all other sections of the country. The tree is a strong symmetrical grower, one of the prettiest in our nursery.



BISMARK.

**October.** A Minnesota seedling from Crab seed, fruit very large, with clear acid flavor.

**Peter.** Introduced by Peter M. Gideon of this state. A true Ironclad. Of clean symmetrical, vigorous growth. Fruit large, firm, red and of excellent flavor.

**Scott's Winter.** This variety has been grown in all sections of the country and proved hardy, healthy and productive everywhere. The fruit has a very fine appearance, is firm, medium to large in size, fully rounded and rich; dark red in color. The texture is firm and the flavor delicious, brisk and sub-acid. Its keeping qualities are remarkable for it is at its best from February to April.

**Wolf River.** A new and beautiful variety, originating near Wolf River, Wisconsin. The tree is a strong grower, hardy and an early and abundant bearer. The fruit is very large, greenish yellow, heavily shaded with crimson. The flesh is white tender, juicy, with a pleasant mild sub-acid flavor.

**Yellow Transparent.** A new excellent variety for home or market. It ripens late in August lasting well until October. The tree is a beautiful grower, vigorous and very productive. The fruit is of medium size, slightly conical, pale yellow; flesh tender, juicy, sub-acid. Good for cooking or table use.



WOLF RIVER

Most  
Northern  
Nurseries  
in  
America

Mail size, Postpaid each, 15c.; dozen, \$1.25; 3-5 feet 2 years, Express or Freight, each 20c.; dozen, \$1.75; 100, \$10.00; 4-5 feet, 2 years, Express or Freight, each, 25c. dozen, \$2.00; 100, \$15.00. Price of 5-7 feet, 3 years, on application.

## CRAB APPLES.

These trees are perfectly hardy, and succeed anywhere. They are ornamental and shade trees as well as splendid fruit producers. They commence to bear when quite young and annually produce large crops of fine fruit especially prized for jellies, preserves, cider, etc.

**Early Strawberry.** The tree is a vigorous upright, symmetrical grower and very hardy. The fruit is somewhat larger than the Transcendent, striped red, crisp and juicy. Fine for eating and for jelly.

**Florence.** This is a splendid Minnesota variety.

**Martha.** The fruit is medium to large, light yellow, heavily streaked with light red. For jelly, as a desert fruit, marmalade and jams, it is especially good, while its large size and splendid appearance always commands the highest market price.

**Gen. Grant.** Fruit of the largest size, bright red, acid, making the finest jelly. The flesh is white, and finely grained, ripens in October. We cannot too highly recommend this splendid variety for general planting, as it seems to possess all the good qualities looked for in a perfect variety. It is one of the largest grown and on this account is preferred by many large growers.

**Hyslop.** Large, deep crimson fruit, very beautiful. The flesh is yellowish; excellent for cider and fine for market.

**Martha.** October. This variety is a seedling from the Duchess of Oldenburg, introduced several years ago by Peter Gideon of Excelsior, this state. The tree is a firm, stiff, upright grower, pyramidal in form and very handsome. It bears well, the fruit being a glossy yellow, shaded with bright red.

**Red Siberian.** The fruit is about one inch in diameter and grows in clusters. It is yellow-white, with a scarlet cheek, crisp and acid. The tree bears when very young and abundantly afterwards.

**Transcendent.** This tree is very productive, bearing after the second year and producing good crops by the fourth year. The fruit is firm, one and one-half to two inches in diameter, large enough to quarter and core for preserving and drying. It is excellent for sauce and pies and the best of its class for cider. The skin is yellow, striped with red.

**Virginia.** The fruit is small, round, dull red, dotted with white, fine for cider.

**Whitney.** The fruit is extra large, skin smooth, glossy green, striped with red. The flesh is firm, juicy and rich. The tree is extra strong in growth, straight and symmetrical. One of the heaviest yielders in the entire list, and highly prized for cider.

**Yellow Siberian.** Fruit small, bright orange yellow.



WHITNEY CRAB.

Mail size, Postpaid each, 15c.; dozen, \$1.25; 3-4 feet Express or Freight each 20c.; dozen, \$1.75; 100, \$10.00. 4-5 feet, Express or Freight each 25c.; dozen, 2.50; 100, \$15.00. Price of 5-7 feet, 3 years, on application.

## CHERRIES.

Cherries are naturally hardy and thrive in the driest or lightest soil. We offer this season some standard and hardy varieties which have been thoroughly tested at the State Experimental Farm as well as at our own nurseries, and found to produce the finest fruits of any.



Lutovka, 1/2 Natural size.

**Compass.** For illustration and description, see page 70.

**Early Richmond.** The tree is an excellent grower, with spreading head, and is very productive. The fruit is dark red, melting and juicy, with a sprightly acid flavor. It ripens early and is considered very good.

**English Morello.** One of the best of the large varieties. The fruit is very dark red, large, rich and acid.

**Late Richmond.** A fine old variety resembling the Early Richmond in shape and color, but ripening three weeks later.

**Lutovka.** This is a Russian variety of the Morello type. The tree is a vigorous grower and very productive. The fruit in color and size resembles the English Morello. The flesh clings tenaciously to the stem and ripens in August; is firm, of mellow quality, with a sprightly acid flavor.

**Montmorency.** The tree is very hardy and bears profusely. It fruits while very young and has large crops annually. The fruit is very large and bright shining red. It ripens about the last of June, a week later than the Early Richmond, and is one of the finest varieties.



Montmorency Cherry.



Vladimir, 1/2 Natural Size.

**Ostheim.** This variety is very hardy and productive, having been thoroughly tested in our severest winters. The fruits are large, very dark red, tender and juicy, with a sub-acid flavor.

**Rocky Mountain.** For illustration and description, see page 70.

**Vladimir.** A very hardy Russian sort, coming from a district 100 miles east of Moscow, where from large tracts of land planted with it, train loads of fruits are sent annually to all parts of Russia. The fruit is larger than Early Richmond, black, with highly colored juice. The flesh is firm and most delicious.

**Wragg.** Very hardy, vigorous and productive. The fruit is dark purple, of medium size, and of most excellent quality.

**Woese.** A new variety brought from Siberia, exceedingly hardy, fruit of good size and high quality, dark color and ripens with Vladimir. Tree grows very short wood with dense head and very productive. Recommended for all Northern Sections as perfectly hardy. Price, 3 to 4 ft., 25c. each; \$2.50 doz.; 4 to 5 ft., 30c. each; \$3.00 doz.; 5 to 6 ft., 40c. each; \$4.00 doz.

## PLUMS.

### New and Hardy Collection

The following collection is selected from the hardiest new varieties and are recommended for planting by the experimental stations of the Northwest and Fruit Growers extensively. We offer these trees in two sizes and guarantee they will be quite an acquisition.

**Blackhawk.** Large, oblong, purplish red. Vigorous and productive.

**Etta.** Large, round, red on yellow ground. Tree of fine form and very productive.

**Ocheeda.** Medium size, round, red. Flesh firm, sweet and juicy.

**Prairie Flower.** Similar to the Miner in size, form, and color. Flesh firm and juicy.

**Rollingstone.** Fruit of medium size, round, firm flesh. Fine for dessert use. A heavy and continuous bearer when the tree attains some size.

**Surprise.** The tree is a strong upright grower withstanding the most severe winters without injury. The fruit is large, deep red in color, and has good keeping qualities. The flesh is very firm and of an excellent flavor.

Price, one each above six varieties, 4 to 5 ft., 2 year, \$1.75; two each, \$3.00; 5 to 7 ft., 2 year, one each, \$2.25; two each, \$4.00. Express or freight only. 100 rate on application.

### STANDARD VARIETIES.

**Hawkeye.** The tree is hardy, thrifty and an annual bearer. The fruit is large, light in color, mottled with red, of superior quality, very firm and an excellent shipper. It ripens in September.

**Milton.** Another native variety of great merit. The fruit is extra large, roundish, oblong, dark green, the skin is thin, the flesh firm and of excellent quality. It is the earliest variety in cultivation.

**New Ulm.** A Minnesota variety said to be very hardy, vigorous and productive. Fruit of medium size, firm and juicy.

**Rockford.** The fruit is reddish purple and of medium size. Quality good.

**Stoddard.** One of the largest native plums. It is a light pinkish red in color, very handsome with a tough sweet skin.

**Weaver.** Originated in Iowa. The fruit, ripening in August, is large purple. Hardy, thrifty and prolific, and a constant bearer.

**Wyant.** A very popular sort. The fruit is large, oblong, sometimes slightly flattened; a deep, purplish red and of excellent quality. Price, 4 to 5 ft., 2 year, each, 30c.; doz., \$3.00; 100, \$25.00; 5 to 7 ft., 2 year, each, 40c.; doz., \$4.00; 100, \$30.00. Express or freight only.



Stoddard Plum.



Cheney Plum.

**American Eagle.** Dark purplish red, of large oblong shape. Tree vigorous, healthy and productive.

**Brittlewood.** Large, globular, purplish red. Very productive.

**Cottrell.** Medium size, red.

**Cheney.** An unusually good native variety. The tree is of good form and as hardy as the oak. The fruit averages large and is of finest quality. The flesh is very firm, rendering it valuable for shipping purposes.

**Downing.** Large, globular, red. Tree symmetrical and productive.

**De Soto.** The fruit is of medium size, dappled red and yellow, ripening in September, and is firm, sweet and juicy. The tree is hardy and productive. Good for general planting and market purposes.

**Forest Garden.** The fruit is very large and round, purplish red, mottled with yellow, juicy, sweet and rich. The tree is clean, healthy, vigorous and productive.

**Hammer.** Of large size, firm, juicy and delicious. Tree a good strong grower.

# Collection of Hardy Novelties



**Rocky Mountain Cherry.** A fruit for all people and all sections. One of the greatest novelties in the fruit line ever introduced. It bears every year and is as prolific as a current bush, 16 quarts having been picked from a three year old tree. Grows to a height of four feet and has never been affected by insects, black knot or other disease. The fruit is a rich red and changes to almost black when ripe, of good size fine flavor and unsurpassed for preserves or eating from the hand; season of ripening being after all others are gone. In flavor it is akin to the sweet cherries, and has no equal in the line of pitted fruits, and is conceded superior to any fruit grown in this section. Mail size, postpaid, 15c. each; 4 for 50c.; 18 24-inch., 20c.; 3 for 50c.; \$1.75 per doz., express or freight.

**Compass Cherry.** Absolutely hardy everywhere. Originator's description: "This cherry was originated at Springfield, Minn. It is a cross between the Sand Cherry and the Miner Plum. Nearly an inch in diameter, a bright red, sweet and juicy and of very fine flavor. The tree is absolutely hardy in this severe climate. The original tree bore fruit the third year from the seed and has borne a full crop every year since. The tree is a regular and heavy bearer, and produces fruit the next year after setting out. For exposed situations and for the north and west it is the cherry. Mail size, postpaid, 40c. each; 3 for \$1.00. 3 to 4-feet, each, 40c.; doz., \$4.00, 4 to 5-feet, each, 60c.; doz., \$6.00. Express or freight."

**Improved Dwarf Juneberry.** This is a native of Alaska, and therefore of the most iron-clad hardiness. It is a quick grower, forming dense clumps of bushes which bloom and bear heavily when only one or two feet in height. The berries are the size of ordinary cherries, being green in an unripe state, changing to bright scarlet, and, when fully ripe, to a dark purple blue, and as the three colors hang in clusters upon a bush they present a most charming and appetizing sight. After the berry is fully ripe it will keep on the bush in perfect condition for two or three weeks without decaying or dropping. It is exceedingly sweet and has a peculiarly rich and luscious flavor. Aside from its value as a fruit it is one of the most showy flowering shrubs, as it blooms very early in the spring—before leaves start—and every stem and branch of the bush is a solid wreath of delicate feathery whiteness, so numerous are the flowers. Mail size, postpaid, 15c. each; 4 for 50c. 18 to 24 in. 20c. each. doz., \$2.00, express or freight.



**May's Climbing Currant.** We have pleasure in drawing the attention of our customers to this unique novelty, being the only Currant we know that can be trained to stakes or trellis work, like a grape-vine. The fruit can be produced high enough from the ground to prevent soiling, the plant being such a vigorous and stocky grower, or it can be headed back and grown in bush form. It produces more Currants per acre than any other variety grown. Fruit is large, stem very long, and contains very few seeds. Flavor said by judges to be the best. Color dark red. If you want to grow in bush form, cut back heavily; if tree or vine, let only one sprout grow, and you will be surprised with the results. Price, 1 year, 25c. each; \$2.50 doz.; postpaid. 2 year, 35c. each; \$3.00 doz.; express or freight.

**New Climbing Gooseberry.** Fruit of a beautiful red color, medium size and most delicious flavor when ripe and it hangs on the vines when all other varieties are past and gone. By planting this new climbing variety on wire trellises, running east and west, 2 feet or more apart, Gooseberries may be enjoyed from the end of June to the middle of September. The ground

should be previously well enriched with barn-yard manure. There is no fear of their running to wood; the stronger the wood the better the fruit. The maximum amount of fruit in a minimum space may be obtained by this method of culture. Price 1 year, 25c. each; \$2.50 doz., postpaid; 2 year, 35c.; \$3.50 doz., express or freight. **SPECIAL OFFER.** One each from this page (six novelties) postpaid \$1.00; 2 each, postpaid, \$1.75. One each from this page (six novelties) express or freight, large size, \$1.50; 2 each, \$2.75.

JOHN P. HOAGLAND, Bismarck, N. Dak., writes:

"Your shipment of Nursery Stock received today in good condition."

## Japan Orange.

This late importation from Japan in shape of a shrub

and fruit has attracted much attention with planters. Its great value is as a shrub, producing beautiful scarlet bloom very early in spring, one of the earliest to open, and quite fragrant. Also producing a fruit somewhat smaller than our oranges, but not as high in quality, but forming a beautiful contrast with its dark green foliage and beautiful golden fruit. We can recommend it to all as being perfectly hardy. Does well set in masses. Price, 25c. each; \$2.50 doz., postpaid; 18 to 24 inch, 35c. each; \$3.50 doz.



Hardy  
Quick  
Growth,  
Rich  
Flavor.



Juneberry.



Compass  
Cherry.



### High Bush Cranberry.

This is a very ornamental plant, the foliage being dense and dark green. The flowers, which are pure white, hang in large showy clusters in early summer, which are followed by scarlet berries that remain on the plant all winter. The fruit is acid in flavor like the Common Cranberry and is highly esteemed for jellies, pies, etc., being fully equal in quality to the low bush or swamp variety. It is extremely hardy, thrives well everywhere, naturally forming well shaped bushy tops with little or no training; has handsome, clean, attractive foliage at all times and is one of the most desirable lawn plants we know of. On account of the acidity of the fruit birds will not touch it. Mail size, postpaid, 10c. each; 3 for 25c.; 2 to 3 foot, express or freight, 30c. each; 3 for 75c.

High Bush Cranberry.



Strawberry Raspberry.

**Strawberry Raspberry.** Or Tree Strawberry. A very beautiful fruit from Japan. Bush from 18 inches to 2 feet in height, entirely hardy and impervious to heat and drought. The berries are larger than the largest strawberries, bright shining scarlet with an exquisite bloom. We have tested it at our nurseries and found it makes delicious jelly, jams and tarts, having a delicious flavor entirely different from any other fruit. An immense yield, producing regularly and abundantly. It bears the first season and gets stronger and larger each year. All lovers of fruit should give it a trial. It will both surprise and please you. The illustration herewith is a true reproduction from life. Price, postpaid, 10c. each; 6 for 40c.; doz., 75c.

### Buffalo Berry.

handsome shrub, as well

This is a hardy fruit discovered on the banks of the Missouri in the Dakotas. It is as a splendid fruit, growing to a height of from 8 to 12 feet. The fruit is borne in clusters resembling great clusters of currants and cannot be surpassed for preserving, jellies, pies, etc. It continues fruiting all summer and can be gathered at any time. Mail size, postpaid, 10c. each; 3 for 25c.; large size, 15c. each, doz., \$1.25, express or freight.

### Japanese Wineberry. (Rasp berry.)

An ornamental as well as a fruit plant. The canes are large and covered with purplish red hairs extending to the extremity of the stem. The leaves are dark green and silvery gray beneath. The fruit is borne in clusters; each berry is at first enveloped by a large calyx, forming a sort of burr, and so thickly covered with purplish red hairs as to give the appearance of a Moss Rosebud. Postpaid, 15c. each; 3 for 35c.; doz., \$1.25.

### SPECIAL OFFER FOR COLLECTION ON THIS PAGE.

1 each, postpaid, by mail,	5 plants	\$0.40
2 " " " "	10 " "	.75
6 " " " "	30 " "	2.00



Japanese Wineberry.



New Logan Berry.

### The New Logan Berry. (Blackberry.)

a wonderful fruit. This excellent berry has been tested at our nurseries for several years and found to be a strong, vigorous grower, hardy and a valuable addition to our small fruits. It originated in California and is a true hybrid, between the Raspberry and Blackberry, partaking of the nature of both in appearance and quality, but is finer and more delightful. It bears abundantly, the berries, are the size of the largest blackberries, and a dark purple red in color. They have few seeds, ripen early (before Black Berries) and are of such excellent quality for cooking and eating that they have brought four times the price of other berries, and will continue high for several years. It is a good keeper and shipper, remaining firm a long time after being picked. Price, postpaid, 20c. each; doz., \$1.50; 100, \$6.00, express or freight.



Buffalo Berry.

### OUR STOCK IS HARDY AND ACCLIMATED.



## IMPROVED RUSSIAN MULBERRY.

An ornamental, hardy fruit, bearing tree for America. Suitable for all sections of this country. Fruit larger than blackberries and of delicious flavor. This valuable fruit and ornamental tree was brought to this country from Western Russia by the Menmonites. The tree is a very rapid grower. It grows to be very large, often reaching the height of fifty feet, and from three to five feet in diameter, and is perfectly hardy. It commences to bear when only two years old, and is a prolific bearer, the fruit being larger than the average blackberry. The fruit has a fine, aromatic flavor and sub-acid, sweet taste, and is used for dessert as we use blackberries or raspberries. A beautiful quick growing tree for the lawn, while the fruit is valuable for table use. In all our experience we have found no fruit so admirably adapted to all parts of the West and Northwest. Mail size, 15c. each, 3 for 30c.; 6 for 50c., postpaid; 3 for 60c., 6 for \$1.00, by express or freight, not prepaid.



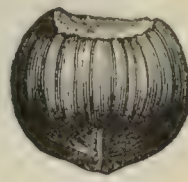
Black Walnut



Butternut



American Chestnut.



Filbert.

**ASPARAGUS.** This delicious vegetable would be more extensively grown if it were not for the mistaken idea that it is difficult to cultivate. There is nothing in the whole list of vegetables of easier culture and once established, a bed will last for many years. Can be cut and used the second season after planting and a bed properly made and cared for will last for many years without replanting.

Our leaflet on Asparagus Culture will be sent free with every order for roots or seed, or mailed to anyone on application. We have grown an immense stock of fine roots which we offer at exceptionally low prices. Prices, 1-year-old roots, 25 for 50c., postpaid. 2-year-old roots, 35c., per doz., postpaid; \$1.00 per 100, \$6.00 per 1,000, by express or freight.

**BARR'S MAMMOTH.** Quick growing, large and tender.

**COLUMBIAN WHITE.** A handsome large, white variety of unsurpassed quality.

**CONOVER'S COLOSSAL.** A standard variety of large size, tender and of most excellent quality.

**PALMETTO.** The earliest grown, of even, regular size, and excellent quality.

## RHUBARB ROOTS.

Every good housewife should have a supply of Rhubarb or "Pie Plant" for early spring use when other fresh pie material is hard to obtain. The plants are easily grown, require but little space, no after culture and soon form large heads or stools. They will thrive in any corner or out of the way place, are perfectly hardy and can be had so cheaply that every one with a square foot or two of garden should have some. Mail size, 10c. each; 3 for 25c.; 6 for 45c., postpaid. Large clump, express or freight, 20c.; doz., \$1.50; 100 \$5.00; 1,000 \$35.00.



Rhubarb.

## HORSE RADISH.

Easily grown from cuttings. A most valuable addition to any garden. Once planted, remain forever, growing larger and stronger every year. 6 for 15c.; 12 for 25c., postpaid.

## HOLT'S MAMMOTH SAGE.

Should be found in every garden. Unexcelled for flavoring, easily grown and always desirable. The plants are of strong growth, bearing large leaves well above the ground, which are of unusual substance, strong flavor and superior quality. 10c. each, 3 for 25c., postpaid.

## NUT BEARING TREES.

Nut culture is an industry that, until recently, has received but little attention by American planters. Probably no branch of tree culture pays larger profits or offers better inducements to planters than this, while most kinds are growing into valuable timber trees that will of themselves pay large dividends on the investment.

### Filberts or Hazelnuts.

These are of easy culture, of dwarf habit, hardy, yielding abundantly.

**American Hazelnut.** The nut is nearly round, most deliciously sweet and rich. Mail size, 15c. each; 3 for 35c., postpaid; 2 to 3 ft., 35c. each; 3 for 90c., by express.

**Walnut, Black.** A well-known winter variety, being valuable for its timber, commanding a very high price on the market. The tree is large and majestic, rich in foliage, making a most beautiful shade tree. It bears profusely, the nuts being large and round, very sweet and delicious. Mailing size, 15c. each; 3 for 40c., postpaid; 5 to 6 ft., 50c. each, 3 for \$1.25. Seedlings \$1.50 per 100. \$10.00 per 1000.

**Butternut, or White Walnut.** Hardy everywhere, well-known and popular. The nuts are larger than the black, oily and nutritious, with very delicate flavor. The tree is lofty and spreading in growth, valuable for timber. Mailing size, 15c. each; 3 for 40c.; 5 to 6 ft., 50c. each, 3 for \$1.25. Seedlings \$1.00 per 100. \$10.00 per 1000.





Cardinal.

to the wealth of the fruit growers of the country because of its inherent great vigor and exceeding productiveness. 15c. each; \$1.00 per doz.; \$3.00 per 100.

**Haymaker.** This valuable new variety is certainly the greatest acquisition of years in raspberries of its class. From actual figures Haymaker returned a net profit of over \$300.00 per acre last year. Growers coined money from it. The Haymaker is a purple cap not so dark as Columbian or Shaffer, and much larger and firmer than either of these varieties, never crumbles and stands up well in shipping. It is a berry to grow for either home use or market. The originator has found it the most profitable berry ever raised for market and has never been able to supply the local demand. Recommended by experimental stations and leading Horticultural Societies everywhere. It certainly is a leader. 15c. each; \$1.00 per doz.; \$3.00 per 100.

**King.** Several of our best fruit-growers consider this the best of the early red Raspberries. It has large and attractive bright red fruits of good flavor, ripening with the earliest and firm enough to ship nicely. In hardiness, growth and productiveness all that could be desired. 15c. each; \$1.00 per doz.; \$2.00 per 100; \$15.00 per 1,000.

**Black Hills.** A very hardy variety, which has stood the severe test of a Northern winter at our nurseries without any protection and surpasses nearly all other varieties in yield, length of season and flavor. The fruit is rich red in color, very large and of most delicious quality. It originated in "Dakota" and experiments on our nurseries have convinced us that it is highly recommended to large planters and those wishing to grow a perfect market fruit, on account of the enormity and duration of the harvest and because it brings a higher price than most other sorts. 15c. each; \$1.00 per doz.; \$2.00 per 100; \$15.00 per 1,000.

### SPECIAL OFFER.

1 each of above, four varieties, postpaid	\$0.00
6 " " " " " "	1.75
12 " " " " " "	3.00
50 " " " " " " express	4.00
50. " " " " " " "	4.00
100 " " " " " " "	7.50

MRS. ANNA HARDY, Cicero, Ind., writes:

"I received the nursery stock and live plants in good condition; some of them have already started to grow. Thanking you for your kindness.

MRS. J. ABBOTT, Ware, Mass., says: "The plants received; all in good condition."



Black Hills.

## RED RASPBERRIES.

Of all the fruits grown by the amateur or professional, none will give greater returns for the time and money expended than these. They thrive well everywhere and produce enormous crops of fruit, which always sells at good prices. We believe there is no surer road to fortune for any young farmer residing near any of the large cities of the country, than to plant several acres of small fruits for market purposes. The earliest and latest ripening varieties are the most profitable, though mid-season sorts should also be planted to give a succession throughout the fruiting season.

**Culture.** Plant in rows about five feet apart and two feet apart in the row; give a light mulching of barnyard manure every fall or winter, and cut out all old and weak growth, preserving only the strongest shoots for planting the following season. We send out only extra strong, healthy plants, which will give good results and satisfaction to our customers under ordinary good care and condition.

**Cardinal.** This wonderful berry is a surprise in the fullness of its merits—its great growth, extreme hardiness, and the exceeding productiveness of its choice red, rich, pure flavored berries. It will pay. It is not a novelty, but a variety of great merit. The new Cardinal is claimed to grow ten feet high, and bears in proportion. Leading

horticulturists who have seen this berry say that it is one of the wonders of the century, so far exceeding all others as to put it entirely beyond comparison. Judge Wellhouse, president of the Kansas State Horticultural Society, said at the meeting of the society that the introduction of the Cardinal Raspberry would add millions



King.

## GENERAL LIST OF RED SORTS.

The canes of all these varieties should be cut back to about 6 or 8 inches above the ground immediately after planting and cultivated thoroughly throughout the growing season.

**Columbian.** This Berry is widely known as a very hardy variety, the canes growing from 12 to 15 feet in length, many being 1 inch in diameter. The fruit is dark red, very large and firm, juicy and of delicious flavor. It does not drop from the bush and is excellent for shipping. It yields about 8,000 quarts to the acre. 10c. each; \$1.75 per doz.; \$2.50 per 100; \$15.00 per 1,000.

**Cuthbert.** A standard hardy variety, enduring Northern winters and Southern summers equally well. The berries are large, 3 inches around, conical, rich crimson color, and so firm they can be shipped hundreds of miles.

**Golden Queen.** A beautiful, large, golden yellow attractive berry. A seedling of the Cuthbert, surpassing it in size, beauty, productiveness, adaptability, flavor and hardiness. The canes are extremely hardy and of strong growth. It meets the desire for a yellow Raspberry, combined with vigorous growth and perfect hardiness. The fruit brings a higher market price than does that of the red berries on account of the peculiarity of color and flavor. 10c. each; 75c. per doz.; \$1.50 per 100; \$10.00 per 1,000.

**Loudon.** We particularly wish to recommend this as one of the finest on the market. It is a Northern grown variety originated by L. W. Loudon, of Wisconsin, who says: "The Loudon is a seedling of Turner, crossed with Cuthbert. Berries are large, color beautiful. It yields 200 bushels to the acre, and may be shipped to New Orleans in good shape." In addition to this we wish to add that we have tried it in our nurseries and it has stood the past very severe winters without the least protection, and without injury. There is no finer red grown and none more profitable. 10c. each; 75c. per doz.; \$1.50 per 100; \$10.00 per 1,000.

**Marlboro.** Vigorous and productive. The fruit is of large size, light crimson color, firm and good quality. A good, well-tested, early berry for the North.

**Miller's Red.** A thoroughly reliable variety of vigorous growth. The canes reach a height of 6 feet and do not winter kill in the least. The berries are of large size and handsome appearance, firm and delicate flavor. They begin to ripen about the middle of June and continue until August.

**Shaffer's Colossal.** One of the largest berries in both fruit and plant on the market. Especially adapted for the north. It does excellently in our nurseries. The berries are very large and handsome, of a purplish red, with a luscious and peculiarly sweet flavor. It ripens rather late in the season when the others have stopped bearing. 10c. each; 75c. per doz.; \$2.00 per 100; \$12.00 per 1,000.

Prices unless otherwise noted, each and dozen, postpaid by mail. 100 and thousands, express or freight. Each, 50c. per doz.; \$1.25 per 100; \$7.5 per 1,000.



London.

## BLACK RASPBERRIES.

Commonly termed "Black Caps," are preferred to the red. For shipping purposes they carry much better and carry longer distances than the red. They are generally preferred for canning and often for table use, while for jams they are unsurpassed. We grow a limited number of varieties, those which we consider the very best for general culture. While many other good kinds are on the market our customers will make no mistake by planting these, as our list is the Cream of the Lot.

**Munger.** The fruit is black, and resembles Gregg very much. It is a better flavored berry than the Gregg, tougher in texture, and therefore a better shipper. In size it excels Gregg by almost 25 per cent., being extra fine for canning and evaporating. The past season, when most others were dry and seedy, Munger ripened up sweet and juicy, and readily brought an advance of 50c. per bushel over other kinds. The canes, too, resemble Gregg, are free from disease, upright in growth. 15c. each; 75c. per doz.; \$2.50 per 100.

**Mayfield Prize.** This variety is perfectly hardy, withstanding our severe winters without the least damage, as well as the extreme heat of Southern States. It is extremely early, making it invaluable to fruit growers and others who want a good fruit for the early market. The berries are of good size, firm texture and great keeping qualities. Its appearance is most handsome, being a deep glossy, jet black, nearly free from bloom. On the market in competition with other standard varieties it commands a much higher price and is always most eagerly sought after by the best trade. Planters who want an early berry, a handsome berry, a good berry, a productive berry and a profitable one to grow should not fail to plant this peerless sort. 15c. each, \$1.00 per doz.; \$2.50 per 100; by express \$20.00 per 1,000.

**Cumberland.** (See cut.) A valuable acquisition among black Raspberries. With its superior size, it combines the equally valuable characteristics of great firmness, splendid quality and wonderful productiveness. The plants are entirely hardy, very vigorous and healthful, and seem entirely unaffected by either anthracnose or yellow blight. In season of ripening it follows Souhegan and precedes Gregg a short time, making a mid-season variety. Under equal conditions, Cumberland will yield 2,000 quarts per acre more than Gregg and 1,000 more than Ohio. The Cumberland has yielded a good crop when Cuthbert and Gregg were both frozen to the ground. In vigor of growth Cumberland stands at the head. It forms a strong upright bush, throwing up stiff stocky shoots, well calculated to bear up their immense load of fruit. Fresh fruit of the Cumberland has sold for 3 to 5 cents per quart more than could be secured for Gregg, and 6 to 7 cents per quart more than could be secured for Ohio on account of its superior size. 15c. each; \$1.00 per doz.; \$2.50 per 100; \$15.00 per 1,000.

### Special Offer of the above Collections.

1 each, postpaid .....	\$0.35
6 " " .....	1.25
12 " " .....	2.25
50 " express or freight .....	3.25
100 " " .....	6.00

## General List of Black Raspberries

**Gregg.** (See cut.) The leading late Black Cap and a popular market sort; canes of strong, vigorous growth and, under good culture, very productive; berries are large, covered with heavy bloom, firm meaty and of fine flavor; it requires a good strong soil to produce the best results; it is by far the best Black Cap and the largest of any.

**KANSAS**—Strong, vigorous grower, standing extremes of drought and cold, and bearing immense crops. Ripens early, after Palmer. Berries size of Gregg, of better color; jet black, and almost free from bloom; firm of best quality; presents a handsome appearance and brings highest price in market.



Cumberland.



Gregg.

**MAMMOTH CLUSTER**—A well-known old variety yet retained for its high quality and productiveness; rich and juicy with much bloom; canes strong vigorous; medium to late.

**NEMAHA**—It is large, round, firm, juicy, and of better quality than Gregg, especially in the Northwest. It is perfectly hardy everywhere, very productive, of most excellent quality and always produces large, even-sized berries, which command the highest market price.

**PALMERS**—The first to ripen; fruit good size and quality, canes wonderfully productive, vigorous and hardy ripens its crops in a short time.

**OHIO**—A very strong growing, hardy sort, producing fruit which is much esteemed for drying. The berries average large, are very firm of good quality and ship well. Its season is medium; thus keeping up a good supply of fruit between the early and late varieties. Always sure to produce a good crop each year. Prices of Standard Varieties, 10c. each; doz., 50c.; 100 \$1.50; 1,000 \$10.00.

## OUR TWO SPECIALS.

**Minnesota Pride.** (BLACK.) It is with much pride that we offer this most excellent black Raspberry for the first season, knowing that our limited stock will hardly go round our many customers, and keep the price in reach of all, but feel that the public should have the opportunity of testing it, especially in the Northwest.

The quality is unsurpassed, jet black, perfectly hardy, standing our severe winter unprotected in 1903 and 04. Size of fruit larger than Cumberland or Kansas, very solid and hangs well after ripening. Its growth is of the very best, heavy strong canes, and will produce from 150 to 200 bushels per acre. 15c. each; \$1.50 doz.; \$8.00 100.

**Kingston Beauty.** (Red.) This most promising raspberry is another product of Minnesota. It is a chance seedling which came up in a neglected clump, there it showed itself of extra importance, producing a great crop of red berries. Its growth is of the strongest making from 10 to 15 canes from one hill or plant, thus needs more room than ordinary varieties. Very few thorns, practically thornless, and after the first year makes strong upright growth, wood ripens well, leaves staying on late and very hardy bearing after the severest winters, an immense crop of fine rich, plump berries. The berries are large, light red, with an agreeable, pure, rich flavor, which is brought to its highest perfection when canned, season rather late, and they hold on well.

This is certainly the most remarkable plant in cane growth ever introduced. It is a strikingly beautiful bush to look at, and this remarkable cane growth is extremely hardy. The thermometer registered 40 degrees below zero the winter of 1903, and it withstood this severe test without apparent injury. Its productiveness is all that could be desired. It will produce twice the amount of fruit of any other red sort. Color of berry is brighter than Columbian; a little more acid in flavor; berry rounder, of the same size of larger. It is doubtless the best of its kind ever introduced. 15c. each; \$1.50 doz.; \$8.00 100.

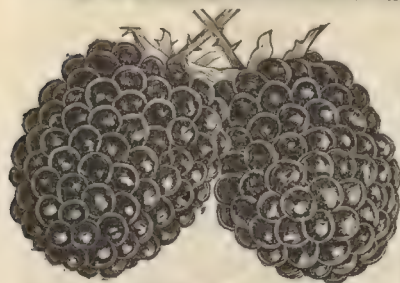
## SPECIAL OFFER.

One each of our two specials. 25c. post-paid.  
Three each of our two specials, 75c. post-paid.  
Twelve each of our two specials, \$2.00 post-paid.  
Fifty each of our two specials, \$7.00, express or freight.  
Not more than fifty sold to any one person of each variety.



MAYFIELD PRIZE

# BLACKBERRIES.



Rathbun Blackberry.

tive. Fruit is of largest size, sweet and delicious without the hard core so common in most blackberries; jet black, with small seeds and firm enough to handle and ship well. 15c. each; doz. \$1.00; 100, \$4.00.

**Ward.** This valuable new variety is spoken of by a committee named by the New Jersey State Horticultural Society as follows: "It was the most astonishing sight I have ever seen. Hedge rows were six feet apart canes standing 4 to 4½ feet high and some 2½ feet across, and the tops were such a solid mass of green, red and black berries as to almost exclude the foliage from sight. The ripe ones were big, glossy black fellows, fully one-half larger than Snyder, rich sweet, tender and melting, with no hard core at the center. Ward is a good shipper; perfectly hardy canes; no superfluous sprouts or canes; a great yielder of large blackberries; rich and sweet—no hard cores; fruit all on outside, easily harvested. 15c. each; doz., \$1.50; 100, \$5.00.

**May's Surprise.** This is one of the hardiest, earliest and most productive varieties. The fruit is very large, glossy black, and of fine substance and flavor. An ideal shipping variety. Desirable for canning and preserving on account of its rich flavor good form, and its coreless nature. It is our own introduction of 4 years ago, and each season confirms our above statements. You will make no mistake in planting May's Surprise. Its fine fruit always commands the highest market price and wherever introduced the demand for it has been very great. Our own tests at the nurseries prove it to be hardy, productive and second to none in quality. 15c. each; doz., \$1.50; 100, \$5.00.

**Eldorado.** This valuable variety is an accidental seedling, found in Ohio about 15 years ago. The plants are very vigorous and hardy, enduring the cold winters of the Northwest without the least injury; very productive. The berries are very large, jet black, borne in clusters and ripening well together. They are very sweet, melting and pleasant to the taste, have no hard core and sell at from 2 to 4 cents a quart more than Snyder and other standard sorts. 15c. each; doz., 75c.; 100 \$2.50.

## SPECIAL OFFER OF THE ABOVE HARDY COLLECTION.

1	each above four varieties, postpaid	\$0.50
3	" " " " " "	\$1.25
6	" " " " " "	2.00
12	" " " " " "	3.50
50	" " " " " " express or freight	12.00

## BLACKBERRIES, STANDARD VARIETIES.

### Ancient Briton.

This is recommended for sections subject to severe winters; is hardy, vigorous and healthy, produces large crops of good sized berries of luscious flavor that bear shipping well and bring largest market price

### Minnewaski.

One of the largest. Very productive; fruit without core; glossy black, with fine flavor. It is hardy and in every way valuable, either for market or home use.

### Stones Hardy.

This originated in Wisconsin and is very hardy, sweet and productive, weighing down the strong canes with immense crops of delicious fruit.

PLANT Minnetonka Apples.

This excellent and profitable plant should be planted in rows 3 by 6 feet apart. Give the plant the same cultivation as Raspberries.

**Rathbun.** A strong, erect grower, branching freely. Will root from tips of branches like a raspberry. It is very hardy, having endured 20 below zero without injury. Forms a compact bush 4 to 5 feet high, and is very productive.

**Snyder.** Berries of medium size, sweet, melting. Very hardy and wonderfully productive. Leads where hardiness is a consideration. Early.



Austin Dewberry



Ward Blackberries.



May's Surprise Blackberry.



Blackberry.

### Taylor.

A good succession for Snyder in cold climates. Ripen its large, luscious berries some weeks later. Vigorous, hardy, fruitful.

Prices, standard varieties, 10c each; doz., 60c.; 100, \$2.00; 1,000, \$15.00.

**Austin's Improved Dewberry.** (See cut.) The following extract from American Gardening describes this variety better than we possible can: "The berries are much larger than those of any other Dewberry or Blackberry. It requires no trellises or stakes and can easily be trained into tree form. The fruit is jet black and of superior flavor. For productiveness it outvalues all Dewberries or Blackberries, high as \$966 per acre having been realized from this fruit, selling at 15 cents per quart. 15c. each; doz., 100, 100, \$5.00.

**Lucretia Dewberry.** As hardy as Snyder; as far larger and incomparably better than any blackberry, and of unequalled excellence; soft, sweet and luscious throughout; of brightest, glossy black color. The Lucretia Dewberry has received the indorsement and highest praise from the best horticulturists in the country. Price, 10c. each; doz., 50c.; 100, \$2.00.

## Choice Small Fruit

### Collections:

for \$1.00 or 6 for \$5.00, postpaid.

A—6 Mrs. Miller, 12 Joe; 12 Challenge; 6 Nimrod Strawberries for \$1.00.  
B—12 Senator Dunlap, 6 Victor, 12 Rough Rider, 12 Parker Earl, 6 Mrs. Miller Strawberries for \$1.00.

C—3 King, 6 Loudon, 3 Haymaker, 3 Cardinal, 3 Black Hills Red Raspberries for \$1.00.

D—6 Cumberland, 3 Munger, 3 Mayfield Prize, 3 Minnesota Pride Blackberries for \$1.00.

E—6 King, 6 Loudon, 6 Cumberland, 6 Kansas Raspberries for \$1.00.

F—3 Giant Ruby, 3 Red Cross, 3 White Wine, 3 Pomona, 3 Fays' Currants for \$1.00.

G—3 Whinham, 3 Red Jacket, 3 Columbus, 3 Downing, Gooseberries for \$1.00.

H—3 Red Cross, 3 White Wine Currants; 3 Red Jacket, 3 Keepsake Gooseberries for \$1.00.

I—2 Beta, 2 Campbell's Early; 2 Delaware, 2 Concord, 2 Niagara, 2 Worden Grapes for \$1.00.

J—2 Rocky Mt. Cherries, 2 Juneberries, 2 Mulberries, 2 Buffalo berries, 2 Japan Orange, 2 Cranberries for \$1.00.

K—3 Strawberry Raspberries, 3 Loganberry, 1 Climbing Currant, 1 Climbing Gooseberry, 2 Wineberry for \$1.00.

L—3 Ward, 3 Eldorado, 3 Surprise, Blackberries; 3 Austin Dewberry, 3 King Raspberry for \$1.00.

M—3 Mrs. Miller, Strawberry, 3 Cardinal, 3 Minnesota Pride Raspberries, 3 White Wine Currants, 3 Whinham, Gooseberry for \$1.00.

NOTE—Please order collection by letter, thus: Collection A, B, C.

Remember our Nurseries are the "Most Northern" in America.

Remember we are the largest combined Seed, Nursery Floral firm in the United States.



Hardy, easily cultivated, responding liberally to cultivation, and standing neglect well, no class of plants grown will afford better returns for the investment, either for home use or the market than these. They should be had in every garden and will pay handsomely for the market. Plant four feet apart in rich ground, cultivate well and mulch heavily.

Embracing the hardiest, most prolific and best quality grown.

#### FOUR DELIGHTFUL CURRANTS.

**May's Giant Ruby.** The largest Red Currant in existence—these bushes are unusually hardy in habit of growth and bear profusely. The berries are beautiful light red and grow in immense clusters, more resembling bunches of red grapes than bunches of Currants. Many fruit growers are now planting largely of this variety in place of the older sorts on account of its enormous yield. Be sure to secure Giant Ruby and White Wine this year.  
1 year, 10c each; doz., \$1.00; 100, \$5.00; 2 year, 15c each; doz., \$1.50; 100, \$8.

**Perfection Currant.** The latest introduction, created by crossing Fay's Prolific with White Grape, and combines the best qualities of both parents. In color it is a beautiful bright red and of size larger than the Fay; the clusters average longer and the size of the berries is maintained to the end of the bunch. It is one of the most productive Currants we have ever known, and in quality it is superior to anything in the market today, being of a rich, mild, subacid flavor and having plenty of pulp with few seeds.  
1 year, 25c each; doz., \$2.00; 2 year, 35c. each; doz., \$3.00

**Red Cross.** Jacob Moore, the originator, says: "Red Cross clusters are long and have well-nched berries, double the size of Victoria, and far superior in quality to Cherry or Victoria. Nothing will compare in quality with Red Cross but White Dutch, which is so small. Red Cross was first fruited in 1889. I have seen the fruit growing in such masses as to hide the upper branches from view. It is later than Cherry. The plant makes twice the growth of Cherry, and yields two or three times as much fruit. I recommend it with confidence. I consider Red Cross one of the best of the new currants."  
1 year, 10c each; doz., \$1.00; 100, \$5; 2 year, 15c each; doz., \$1.50; 100, \$5.

**White Wine.** This is the hardiest white sort ever introduced and is therefore especially desirable for the middle and northern states. It bears great bunches of pearly white Currants of the most delicious flavor. This and Giant Ruby we consider the best of all Currants in both quality and yield, surpassing even the well-known valuable Fay's Prolific, which has been such a favorite the past few years.  
1 year, 10c each; doz., \$1.; 100, \$5; 2 year. 15c each; doz., \$1.50; 100, \$8.

NOTE.—Each and Dozen postpaid, at 100 rates express or freight purchasers expense.

#### SPECIAL OFFER.

- 1 Plant each above 4 varieties, (1 year old) 45c, postpaid.
- 3 Plants each above 4 varieties, (1 year old) \$1.25, postpaid.
- 6 Plants each above 4 varieties, (1 year old) \$2.25, postpaid.
- 1 Plant each above 4 varieties, (2 year old) 75c, postpaid.
- 3 Plants each above 4 varieties, (2 year old) \$2.00, postpaid.
- 6 Plants each above 4 varieties, (2 year old) \$3.50, postpaid.

#### GENERAL LIST OF STANDARD VARIETIES.

**Black Champion.** The leading tested Black Currant. It is a vigorous grower and very productive. The berry and bunch are very large and of most excellent quality.

**Black Naples.** Fruit varies from small to large, averaging above medium; pulp acid with strong flavor.

**Cherry.** A standard red; berries large, bunches short and compact, very vigorous and productive.

**Fay's Prolific.** Until the introduction of Giant Ruby this was considered the leading market variety. Stems and bunches are extra large, uniform size, easily picked, of excellent quality. The plant is very productive, robust and hardy.

**London Market.** A new Currant of merit—The money maker and sure cropper. Price within reach of all. Read description from its home. "As a money making market currant, we believe this variety of currant has no equal. It was first grown in this country by Henry Bowles, of Michigan."

**Lee's Prolific.** A black variety, fruit large and of excellent quality.

**Long Bunch Holland.** The best of late varieties; vigorous and productive; fruit clusters long and of large size. Ripens after others are gone.

**North Star.** A strong growing red sort. Bunches four inches long, productive and fruits very freely.

**Pomona.** Beyond comparison in productiveness and fine quality with any other of the older sorts, and from present indications destined to supersede all other Red Currants. Its yield of fruit is something wonderful; vigorous and robust growers, healthy, hardy and an early bearer; foliage abundant and remains on the bush much later than other sorts. The fruit is very beautiful in appearance, of a clear, bright translucent red, bunches large and full, the size of the berry very near as large as the Fay. It is of remarkable fine quality, sweet and mild, and less acid than any we know of, with very few seeds, and these are small. The fruit is so bright colored and handsome that it always attracts buyers at market, and it not only hangs on the bush a long time after ripe, but will also keep in good condition a long time after being picked.  
1 year, 12c ea.; doz., \$1.25; 100, \$3.50; 2 year 15c ea.; doz., \$1.50; 100, \$5.00.

**Victoria.** Erect-growing, heavily laden even into September, with long, handsome clusters of large, bright red fruits. Its late season adds greatly to its value.

**White Grape.** The standard white; an excellent variety. Excellent for dessert use because of its mildly acid flavor and large, handsome clusters of golden green or white berries. Fruitful.

**Wilder.** A new red variety of great merit, one of the strongest growers and very productive. The berries are very large, bright red. Even when dead ripe they hang on the bunches a long time without dropping, and are splendid for market purposes.

#### PRICE STANDARD VARIETIES.

- 1 year, 10c. each; doz., \$1.00, postpaid; 100, \$3.50, express or freight.
- 2 year, 15c. each; doz., \$1.25, postpaid; 100, \$5.00, express or freight.

Thousand rates on application.

#### GARDEN COLLECTION.

- 4 Black Champion Currants;
- 4 Fay's Prolific (Red) Currants;
- 4 White Grape Currants;
- 4 Downing Gooseberry;
- 4 Houghton Gooseberry;
- 4 Smith Gooseberry;

24 Plants, (1 year) postpaid, \$1.75.

24 Plants, (2 year) express or freight, \$2.25.



# GRAPES.



Campbell's Early, 1/3 Natural Size.

shouldered, compact and handsome. The berries are large, often an inch or more in diameter, glossy black with a purple bloom, sweet and juicy with few seeds. They ripen from the 15th to the last of August. As a keeper and shipper this variety is unequalled by any other American grape, while as a desert grape it is delicious.

1 year strong, 15c. each; doz., \$1.50; postpaid, 100, \$10.00.  
2 year, strong, 20c. each; doz., \$2.00; 100, \$12.00, by express or freight.

**McPike.** This mammoth black Grape has been exhibited in all parts of the country, its great size, fine flavor, and beauty creating quite a sensation. It is a seedling of Worden and has many of the good qualities of both Worden and Concord. The bunches are large, even compact; the berries sometimes 3 inches in circumference, covered with a rich bloom; they are of delightful consistency, and quality ripening evenly and keeping well when shipped long distances. The vine is very strong and thrifty in growth, with great, leathery leaves. Ripens before Concord.

1 year, strong, 25c. each; doz., \$2.50; postpaid.  
2 year, strong, 35c.; each; doz., \$3.50, express or freight.

**White Diamond.** Valuable for all sections of the United States as it is healthy and perfectly hardy. The berries are large, creamy white and of richest and most delicious flavor, juicy, sweet, with few seeds. Withstands mildew and disease; is a splendid cropper.

## Special Offer Hardy Collection of Grapes

1 year, strong,	(1 each; four plants.)	postpaid	.....	\$0.65
1	" (3 " twelve "	"	.....	1.50
1	" (6 " twenty-four "	"	.....	2.50
2	" (1 " four "	Express or freight	..	.75
2	" (3 " twelve "	"	.....	2.00
2	" (6 " twenty-four "	"	.....	3.75

NOTE. Grape 2 year, by express and freight only.

The grape is the most beautiful of all fruits, and the most highly esteemed for its many uses. It can be grown by everyone who has a garden, a yard or a wall. It can be confined to a stake, bound to a trellis, trained over an arbor or extended until it covers a large tree or building, and still it yields its graceful bunches of lustrous, blooming fruit. Capable of most extraordinary results under wise management, it is prone also to give the greatest disappointment under bad culture or neglect. Other fruits may be had from plants that know no care, but grapes are to be had only through attention and forethought.

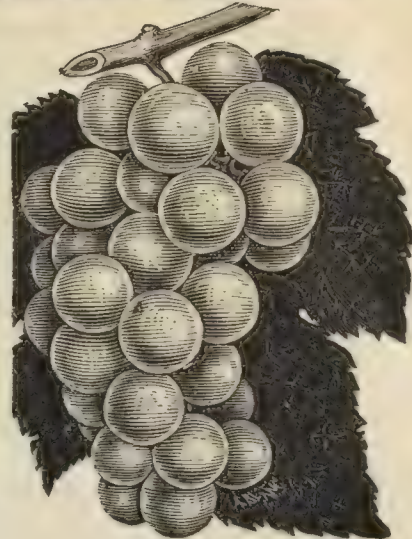
Plant in rows eight to ten feet apart and eight feet apart in the row.

**Beta.** A hardy variety originating in this state. A cross between a cultivated sort and the native wild grape. The vine is thrifty, productive and hardy, withstanding our severest Northern winters without protection and without injury. The fruit is jet black, of medium size, borne in compact, well shouldered bunches. It ripens before frost, is sweet and luscious. It is very popular and a boon to fruit growers of the Northwest.

1 year, strong, 15c. each; doz., \$1.25, postpaid; 100, \$10.00, express or freight.

2 year, strong 20c. each., doz., \$2.00; 100, \$12.00 express or freight.

**Campbell's Early.** A strong, vigorous hardy vine with thick mildew resisting foliage, and perfect self fertilizing blossoms. The clusters are very large, unusually



McPike, 1/3 Natural Size.

## General List of Hardy Varieties.

**Agawam.** A vigorous grower, producing large, red, thick skinned grapes, which ripen early. The pulp is soft, sweet and sprightly.  
1 year, strong, 10c. each; doz., \$1.00; 100, \$5.00; 2 year, strong, 15c. each; doz., \$1.50; 100, \$6.00.

**Concord.** The well-known standard variety. It succeeds wherever grapes are grown, producing at all times large crops of luscious fruit. Hardy and productive in all soils and all localities.  
1 year, strong, 10c. each; doz., 75c.; 100, \$3.00; 2 year, strong, 15c. each; doz., \$1.25; 100, \$4.00.

**Delaware.** The bunches are all compact, shouldered, ripening a little before the Concord. The fruit is thick skinned, color light red, juicy, very sweet and delicious.  
1 year, strong, 10c. each; doz., \$1.00; 100, \$5.00; 2 year, strong, 15c. each; doz., \$1.50; 100, \$6.00.

**Eaton.** A seedling of the Concord, which it resembles in general appearance, but the berry is much larger, of finer appearance and ripens a little earlier.  
1 year, strong, 10c. each; doz., \$1.50; 100, \$9.00; 2 year, strong, 25c. each; doz., \$2.50; 100, \$12.00.

**Empire State.** A fine large white grape, very highly regarded in Eastern sections. The bunches are very large, long, compact. The fruit is of medium size, rich, sweet and sprightly, continuing a long time fit for use.  
1 year, strong, 10c. each; doz., \$1.00; 2 year, strong, 15c. each; doz., \$1.50

## Moore's Early.

One of the best early ripening varieties. The bunch is large, round and with a black blue bloom. In quality surpassing the Concord. It ripens extra early and is therefore valuable for market purposes.  
1 year, strong, 10c. each; doz., \$1.00; 100, \$5.00; 2 year strong, 15c. each; doz., \$1.50; 100, \$6.00.

**Niagara.** A most desirable white variety and one that is hardy, vigorous and productive in all sections. The bunches are very large and compact. 1 year, strong, 10c. each; doz., \$1.00; 100, \$4.00; 2 year, strong, 15c. each; doz., \$1.50; 100, \$5.00.

**Pocklington.** A very beautiful white variety. Bunch and berries large and when fully ripe a rich golden yellow, juicy, tender and sweet. Price same as Niagara.

**Worden.** A large black grape of the Concord type, but 5 to 10 days earlier. The vine is hardier and in every way as healthy. Price same as Niagara.

NOTE. Grape vines, express and freight, except 1 year old Each and doz. are postpaid



White Diamond



Beta.

## Shade and Ornamental Trees.

FOR WINDBREAKS AND BEAUTIFICATION OF HOME SURROUNDINGS.

This department of our business is very extensive, where Avenue and Park trees are cultivated in large blocks; many acres are assigned to the field culture of shrubs, and small growing trees; thousands of rows, in the borders, contain the more delicate shrubs and herbaceous plants.

Many of the most active business men are also men of taste, and would be glad to beautify and improve their home grounds, but they are so occupied with business that they neither have time nor disposition to find out what they want, or to lay out their grounds. Where such is the case, we cheerfully place our experience and knowledge at their command, and willingly furnish plans and estimates for large or small places.

All our trees are grown under a thorough, clean system of cultivation, frequently transplanted and are well supplied with an abundance of fibrous roots which enable them to bear transplanting well. Do not be deceived into planting forest-grown trees, for disappointment follows 99 plantings in every 100. In many varieties we have large specimen trees, which are not quoted herein. Prices on these will be cheerfully given on application. For hardiness and quick growth, we especially recommend the Catalpa Speciosa, Silver or Soft Maple and Carolina, Lombardy and Silver Poplars.

**Special Note.** We can supply all sizes in ornamental trees, thus those desiring trees for parks, cemeteries, etc., or in large quantities should write for special quotations.

Prices quoted are for trees on board cars at nursery, and freight or express to be paid by purchaser. 6 can be had at dozen rates; 50 at 100 rates, 500 at 1,000 rates.

**Ash, American White.** (A.) A valuable native variety of rapid growth, forming straight clean trunks and broad, oval shaped heads. Desirable for parks, public grounds and street planting, also for timber and forestry purposes. Prices, 4 to 6 ft., each, 20c.; doz., \$2.00; 100, \$15.00; 6 to 8 ft., each, 25c.; doz., \$2.50, 100, \$20.00. Price, 8 to 10 ft., each, 40c.; doz., \$4.00; 100, \$25.00; 10 to 12 ft., each, 50c.; doz., \$5.00; 100 \$30.00.



White Ash.

**European Alder.** A remarkably rapid growing tree, attaining a height of from thirty to sixty feet. Foliage roundish, wedge-shaped and wavy. This species is especially adapted to moist situations. Price, 4 to 6 ft., 40c.; doz., \$4.00; 6 to 8 ft. 50c. each, doz., \$5.00.

**BOX ELDER.** — See Maple Ash Leaved on opposite page.

**Birch, European White.** A distinct, native species of vigorous, rapid growth. Bark white, leaves triangular, tapering and pointed. It is very hardy and will grow in sandy or rocky soil in any situation. It is of easy culture and makes a beautiful shade and ornamental tree. Price, 4 to 5 ft., 30c.; doz., \$3.00; 5 to 6 ft., 50c. each; doz., \$5.00; 7 to 8 ft., 75c. each; doz., \$7.50.

**Birch, Paper or Canoe.** One of the handsomest trees in cultivation and a vigorous grower. When young the bark is dull brown but changes as the tree grows older to a shining, silky white, rendering it clean looking and attractive. Price, 6 to 8 ft., 40c. each; doz., \$4.00; 8 to 10 ft., 50c., doz., \$5.00; 10 to 12 ft., 75c.; doz., \$7.50.



Catalpa.

**Horse Chestnut.** Ohio Buckeye A native of the Western States. forming a large sized tree; leaves smooth; flowers yellow; blooms before the others, and is the only one of this variety that is hardy in the Northwest. Price, 2 ft., 20c. each; doz., \$2.00.

**Cottonwood.** Canadian Poplar. A tall, native tree, with large shining leaves, growing 80 to 100 feet high and broad spreading tops furnishing an abundance of shade. Grows very rapidly and is very hardy, thriving under most adverse conditions. Price, 8 to 10 ft., 40c. each; doz., \$4.00; 100, \$20.00. 10 to 12 ft., 50c. each; doz., \$5.00; 100, \$25.00.

**Elm, American.** This is so well known and thrives in any soil. It is strong and long lived. Price, 4 to 6 ft., 25c. each; doz., \$2.50; 100, \$20.00; 6 to 8 ft., 40c. each; doz., \$4.00; 100, \$25.00; 8 to 10 ft., 50c. each; doz., \$5.00; 100, \$30.00.

**Elm, Scotch.** A fine spreading tree of rapid growth and beautiful foliage. 4 to 6 ft., 30c. each; doz., \$3.00; 6 to 8 ft., 40c. each; doz., \$4.00.

**Hackberry.** A very handsome native tree, of easy, rapid growth and great vigor, which bears transplanting as well as any tree we know. The character of the growth is similar to the Elm, though the top is not quite so spreading as that variety. It makes a more rapid growth soon forming large trees. Price, 4 to 6 ft., 25c.; each doz., \$2.50; 100, \$20.00; 6 to 8 ft., 40c.; each doz., \$4.00; 100, \$25.00; 8 to 10 ft., 50c. each; doz., \$5.00; 100, \$30.00.

**Kentucky Coffee Tree.** A fine native tree of medium size, rapid upright growth, with rough bark stiff blunt shoots and feathery foliage of a bluish green color. Price, 2 to 3 ft., 20c. each; doz., \$2.00; 4 to 6 ft., 30c. each; doz., \$3.00.

**Linden, European.** A handsome variety similar to the American Linden of same square, thick growth, very hardy and vigorous. The head is hardy and pyramidal in shape, having large leaves. Price, 3 to 4 ft., 25c. each; doz., \$2.50; 5 to 6 ft., 35c. each; doz., \$3.50; 6 to 8 ft., 40c.; each; doz., \$4.00.



European White Birch.

**Birch, Purple.** A most handsome variety, of vigorous growth, similar to the White Birch. It has purple foliage, rendering it very unique and beautiful. 75c. each; doz., \$7.50; 8 to 10 ft., \$1.00, each; doz., \$10.00.

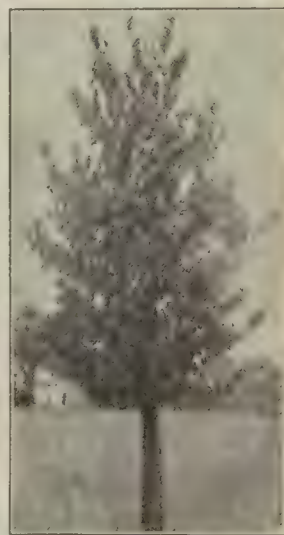
**Birch, Pyramidal.** Of elegant pyramidal habit like the Lombardy Poplar. Bark silvery white. Very distinct and ornamental. Price, 4 to 5 ft., 35c. each; doz., \$3.50; 5 to 6 ft., 50c. each; doz., \$5.00.

**Catalpa, Speciosa.** This hardy native variety is one of the finest for shade and ornamental in our entire list. The leaves are large, heart-shaped, beautifully ribbed, never subject to the attacks of insects, and at all times clean, vigorous and beautiful. Price 4 to 6 ft., 25c. each; doz., \$2.50; 100, \$15.00; 6 to 8 ft. 35c. each; doz., \$3.50; 100, \$20.00; 8 to 10 ft., 50c. each; doz., \$5.00; 100 \$25.00; 10 to 12 ft., 60c. each; doz., \$6.00; 100, \$30.00.

**Catalpa, Bignonoides.** A showy, rapid growing tree, with very large, heart-shaped leaves and pyramidal clusters a foot long, of purple and white very fragrant flowers. Blooms late in June; very beautiful. Price, 4 to 6 ft., 25c. each; doz., \$2.50; 100, \$15.00; 6 to 8 ft., 35c. each; doz., \$3.50; 100, \$20.00; 8 to 10 ft., 50c. each; doz., \$5.00; 100, \$25.00; 10 to 12 ft., 60c. each; doz., \$6.00.



Hackberry.



Linden

# ORNAMENTAL TREES—Continued.



Silver or Soft Maple.

**Maple Silver or Soft Maple.** A magnificent shade and ornamental tree of rapid growth. It is perfectly hardy and will thrive in any soil and any locality. The leaves are beautifully shaped and have a silver gleam. The hardiness and ease of culture of this tree make it one of the most desirable for street and park planting. Prices, 4 to 6 ft., ea., 25c.; doz., \$2.50; 100, \$15.00; 6 to 8 ft., ea., 40c.; doz., \$4.00; 100, \$20.00; 8 to 10 ft., ea., 50c.; doz., \$5.00; 100, \$25.00; 10 to 12 ft., ea., 75c.; doz., \$7.50; 100, \$30.00.

**Maple Norway.** A tree of foreign origin, a sturdy, symmetrical grower, forming a broad spreading rounded head. The leaves are deep green, large and broad, and cling to the branches longer than other sorts. Excellently adapted to street planting. Price, 3 to 4 ft., ea., 25c.; doz., \$2.50; 8 to 10 ft., ea., \$1.00; doz., \$10.00.

**Maple Sugar or Rock.** A valuable tree for sugar as well as lumber, shade and ornament. It is adaptable to all locations, roots deeply and grows symmetrical into a tree of large proportions. Price, 4 to 6 ft., ea., 30c.; doz., \$3.00; 8 to 10 ft., ea., 50c.; doz., \$6.00.

**Maple Schwedleri.** The most ornamental of all maples, extremely hardy, of German origin. In the spring the leaves and young sprouts are purplish red, changing as the season advances, to copper bronze, and in the autumn assuming a pure golden tint. Price, 2 to 3 ft., ea., 40c.; doz., \$4.00; 6 to 7 ft., ea., 75c.; doz., \$7.50.

**Maple Weirs Cut Leaf.** A very beautiful silver leaf sort with delicately cut leaves and distinct, half drooping habit. It grows rapidly, forming a straight, upright trunk, with slender branches that curve gracefully downward. 6 to 8 ft., ea., 50c.; doz., \$5.00; 8 to 10 ft., ea., 75c.; doz., \$7.50; 10 to 12 ft., ea., \$1.00; doz., \$10.00.



Box Elder, or Ash Leaf Maple.

**Linden, American.** Basswood. Perfectly hardy everywhere, most vigorous in growth, with large, clean, handsome foliage, affording an abundance of shade and forming large stately trees in a short time, few trees have more good qualities to commend themselves to planters than this. Price, 3 to 4 ft., 25c. each; doz., \$2.50; 5 to 6 ft., 35c. each; doz., \$3.50; 6 to 8 ft., 40c. each; doz., \$4.00.

**Larch, European.** An excellent, rapid growing slender branches and light green, needle-shaped foliage, like the spruce or hemlock foliage, which is soft and graceful. Price, 3 to 4 ft., 35c. each; doz., \$3.50.

**Maple Ashleaf.** (Manitoba) Box Elder) A durable tree for street planting; it stands transplanting well and grows rapidly, producing considerable shade in a very short time. It is most used in the West and Northwest, as it withstands successfully both drought and extreme cold. It attains a height of 70 feet, of rounded, globular shape; the bark is greenish yellow on young wood. Succeeds in a variety of soils. Prices: 4 to 6 ft., 25c.; doz., \$2.50; 100, \$15.00; 6 to 8 ft., 40c.; doz., \$4.00; 100, \$20.00; 8 to 10 ft., 50c.; doz., \$5.00; 100, \$25.00; 10 to 12 ft., 75c.; doz., \$7.50; 100, \$30.00.



Weirs' Cut Leaf Maple.

**Maple Siberian.** (B). A distinct and attractive tree of dwarfish growth, rounded head and handsome appearance at all times. Leaves small and finely cut, turning to a beautiful reddish tint in early autumn. Recommended for hedging very highly. PRICES, 2 to 3 ft., ea., 25c.; doz., \$2.50; 3 to 4 ft., ea., 30c.; doz., \$3.00.

**Mountain Ash-European.** A handsome variety of compact and even growth. The stem is very smooth, and the head round and compact, covered in spring with snowy white blossoms, and in late fall and winter with clusters of red berries. The foliage is clean and handsome. An excellent tree for lawn planting. Price, 4 to 5 ft., each, 30c.; doz., \$3.00; 6 to 8 ft., each, 50c.; doz., \$5.00; 8 to 10 ft., each, 75c.; doz., \$7.50.

**Mountain Ash-American.** A native tree of fine graceful habit, perfect hardiness and great beauty. The white flowers in spring are very pretty and are succeeded by the red berries which hang on until winter, and are most attractive. Price, 4 to 5 ft., each, 30c.; doz., \$3.00; 6 to 8 ft., each, 50c.; doz., \$5.00.

**Mountain Ash Oak Leaf.** A handsome tree of erect, compact growth, forming heads from 20 to 30 feet in breadth and the same in height. The foliage is very deeply lobed, resembling the oak. Price, 3 to 4 ft., ea., 25c.; doz., \$2.50; 5 to 6 ft., ea., 50c.; doz., \$5.00.

**Oak American White.** One of the finest American trees, of large size and spreading branches; leaves lobed, pale green above and glaucous beneath. Price, 3 to 4 ft., ea., 30c.; doz., \$3.00.

**Oak Scarlet.** A native tree of rapid growth, pyramidal outline, and especially remarkable in autumn, when the foliage changes to a bright scarlet. Price, 3 to 4 ft., ea., 35c.; doz., \$3.50.

**Oak Pin.** Foliage deep green, finely divided; assumes a drooping form when it acquires age. One of the most valuable. A good grower. Fine for streets. Price, 3 to 4 ft., ea., 35c.; doz., \$3.50.

**May Day Tree.** This tree is one of the finest we ever sent out, and one which will in a measure supersede many existing sorts. It is of sturdy, vigorous growth, forming compact rounded heads, straight, stiff stems and very uniform, handsome trees at all stages of growth and development. The leaves are of medium size resembling the wild cherry and appear among the very first in the spring. The flowers resembling cherry blooms, appear early, usually by May 1st, which gives the tree its name. These are produced in great racemes of white, which, hanging amid the dense green foliage are very striking and attractive. It is perfectly hardy everywhere and for lawn and park planting fills a long desired place. It has never before been catalogued, and we offer it as one of the prettiest and most useful novelties ever introduced. Price, 4 to 6 ft., 60c. each; \$6.00 doz.; 6 to 8 ft., 75c. each; \$7.50 doz.



May Day Tree

## Poplar and Willow Trees.



Lombardy Poplar.

ure of any landscape. It is perfectly hardy everywhere. Don't fail to order a few trees of this splendid variety. Price, 4 to 6 ft., 20c. each; doz., \$2.00; 100, \$12.00; 6 to 8 ft., 25c. each; doz., \$2.50; 100, \$18.00; 8 to 10 ft., 40c. each; doz., \$4.00; 100, \$25.00; 10 to 12 ft., 50c. each; doz., \$5.00; 100, \$30.00.

**Poplar, Silver.** This is one of the most beautiful and ornamental trees ever planted. Like the other poplars it is of very rapid growth, soon forming large, shapely trees, which afford an abundance of shade. This variety is of more spreading growth than the others, and by careful training forms large, rounded heads of great beauty. Price, 4 to 6 ft., 20c. each; doz., \$2.00; 6 to 8 ft., 25c.; doz., \$2.50; 8 to 10 ft., 40c. each; doz., \$4.00; 10 to 12 ft., 50c.; doz., \$5.00.

**Thorn, Paul's Double Scarlet.** A dwarf growing tree or shrub which produces large masses of very double, medium sized, scarlet blossoms in May. These are very attractive and fragrant. Price 4 to 6 ft., 50c. each; doz., \$5.00.

**Thorn, Double White.** Produces an abundance of small double white blossoms. Price, 4 to 6 ft., 40c. each; doz., \$4.00.

**Sumac Staghorn.** A densely hairy species, with oblong-lanceolate leaves; flowers in dense, terminal panicles and fruit in red clusters. Fall color of foliage is most brilliant. A good grower in light, dry soils, and useful for planting on steep banks. Price, 3 to 4 ft., 25c. each; doz., \$2.50; 10 to 12 ft., 75c. each; doz., \$7.50.

**Sumac, Cut-Leaved.** A beautiful low variety of the preceding, with leaves of very large size, deeply cut, and drooping gracefully from the branches. Autumnal color a rich red. Price, 3 to 4 ft., 40c. each; doz., \$4.00.

**Poplar Carolina.** The largest, most symmetrical, finest and best Poplar for general planting. A most rapid, vigorous grower, pyramidal in form with large glossy leaves. It grows very rapidly soon forming large trees. If properly cut back and trimmed it forms a fine spreading head. It thrives everywhere, is not affected by sewer gas, smoke, ashes or salt water. We recommend it very strongly for park and street planting. Planted alternately with Elms, Maples, and other hard wooded trees they soon grow into large trees, supplying an abundance of shade. After the other trees become large the Poplars can be cut out. This is rapidly becoming the most popular tree for general planting in the West and Northwest. Price, 4 to 6 ft., 20c. each; doz., \$2.00; 100, \$12.00; 6 to 8 ft., 25c. each; doz., \$2.50; 100, \$18.00; 8 to 10 ft., 40c. each; doz., \$4.00; 100, \$25.00; 10 to 12 ft., 50c. each; doz., \$5.00; 100, \$30.00.

**Poplar, Golden.** One of the finest golden-leaved trees for contrast groups, as it holds its color well throughout the season. Has all the fine vigorous characteristics of the species. Price, 4 to 6 ft., 25c. each; doz., \$2.50; 6 to 8 ft., 40c. each; doz., \$4.00; 8 to 10 ft., 50c. each; doz., \$5.00.

**Poplar, Lombardy.** This is of obelisk form and grows rapidly. It is planted largely in Newport and other fashionable resorts of the East as it forms a striking fea-



Avenue of Carolina Poplars.

**Willow, Laurel Leaf.** One of the finest in the entire list. The leaves are broad, dark green, very glossy, so that sunlight renders it the most conspicuous of green trees. The bark is bright green in winter. It can be clipped to any desired form like the bay tree, and when carefully trained is not inferior to that high priced plant. For narrow streets and for hedges and ornamental screens. Price, 4 to 6 ft., 20c. each; doz., \$2.00; 100, \$12.00; 6 to 8 ft., 25c. each; doz., \$2.50.

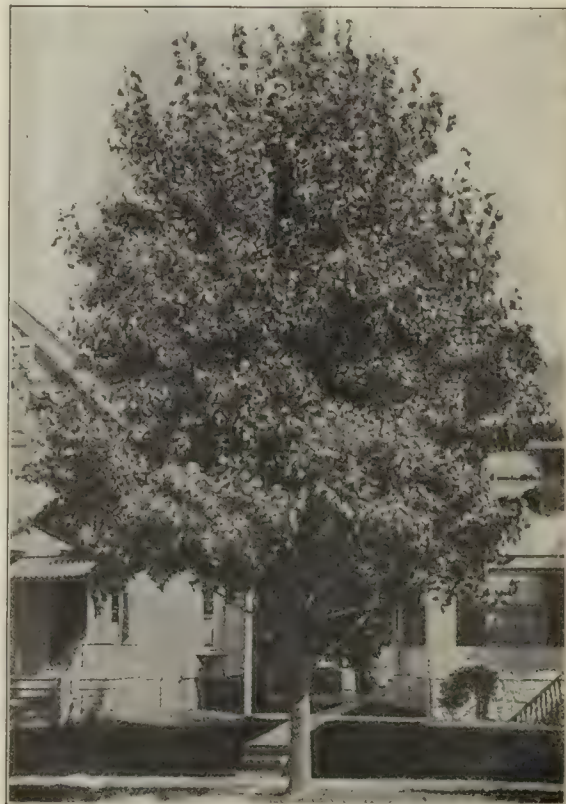
**Willow, Petzoldi.** Another charming variety of rapid growth and clean, healthy habit. Desirable for water front plantings and hedge. Price, 4 to 6 ft., 20c. each; doz., \$2.00; 100, \$12.00; 6 to 8 ft., 25c. each; doz., \$2.50.

**Willow, Golden.** Handsome. A valuable variety for winter effect, the bright colored golden bark contrasting harmoniously with other vegetation. Price, 4 to 6 ft., 20c. each; doz., \$2.00; 100, \$12.00; 6 to 8 ft., 25c. each; doz., \$2.50; 100, \$18.00; 8 to 10 ft., 40c. each; doz., \$4.00; 100, \$25.00.

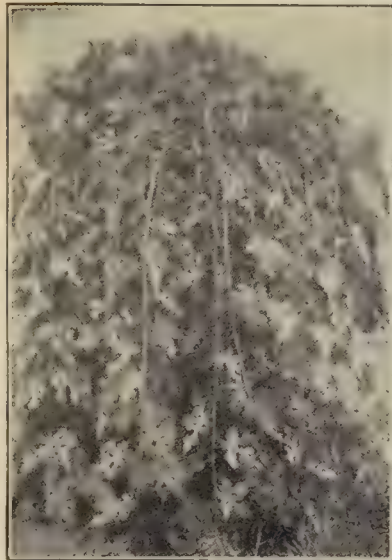


Laurel Willow

Golden Willow.



Carolina Poplar



Teas Weeping Mulberry.

**Mulberry.** TEA'S WEEPING RUSSIAN. One of the most graceful and beautiful of the hardy, weeping trees and wholly unique, having a perfect umbrella shaped head and slender willow branches, drooping to the ground, as do the vines of a hanging basket. The foliage is glossy green and with delicacy of form and motion it combines Russian health and vigor, being inured to the heat and drouth of the south as well as the severe cold of the North. Admirably adapted to cemetery planting. Price, 5 to 6 ft., 1 year, head, \$1.00 each; doz., \$10.00; 5 to 5 ft., 2 year head, \$1.25 each; doz., \$12.00.

**Willow, Golden Weeping.** One of the showiest trees for winter effects. The bark is a bright, golden color, becoming more intense as the leaves disappear and remaining so throughout the winter. The branches are of graceful drooping habit, forming a large rounded head of soft green foliage during the summer. It is of rapid growth and hardy nature, succeeding everywhere. Price, 4 to 6 ft., 25c. each; doz., \$2.50.

**Willow, Wisconsin Weeping.** Of drooping habit, similar to Babylonica, but much harder than that variety. 4 to 6 ft., 25c. each; doz., \$2.50; 6 to 8 ft., 40c. each; doz., \$4.00.

## EVERGREENS.

The trees which we offer here are all nursery grown, transplanted stock. In transplanting never allow the roots to be exposed to the sun for a single moment. A mulching of straw or leaves will be found very beneficial, especially in dry seasons. Allow them to branch freely near the ground. This prevents the soil drying up quickly around the roots and adds to the beauty and effectiveness of the tree. They should be planted at a time when the earth is warm and they can commence growth immediately.

**Arbor Vitae, American.** All things considered this is the most popular evergreen in cultivation, either for single specimens on the lawn, planted in clumps, or for ornamental hedging. Tree very symmetrical in growth, the foliage is finely cut and very dense. It readily adapts itself to all situations, is perfectly hardy, when once established, a rapid grower and for ornamental and usefulness has no superior. Price 12 to 18 inch, 25c.; doz., \$2.50; 18 to 24 inch, 30c. each; \$3.00 doz.; 2 to 3 ft., 40c. each; \$4.00 doz.

**Arbor Vitae, Pyramidalis.** The most beautiful of all the Arbor Vitae. Forms compact, slender, pyramidal shaped heads of dark green, at all times conspicuous and very ornamental. It is perfectly hardy, very vigorous in growth with dense, dark green foliage. Price, 18 to 24 inch, 30c. each; \$3.00 doz.; 2 to 3 ft., 40c. each; \$4.00 doz.; 3 to 4 ft., 50c. each; \$5.00 doz.

**Fir Balsam.** A well known and popular tree; very handsome while young, assuming the upright or conical form; foliage dark green above, silvery beneath; retains its color throughout the severest winters; grows rapidly, and every way desirable. Price, 18 to 24 inch, 25c.; \$2.50 doz.; 2 to 3 ft., 30c. each; \$3.00 doz.; 3 to 4 ft., 40c. each; \$4.00 doz.

**Juniper Savin.** (Sabina) A low, spreading tree, with handsome, dark green foliage; very hardy, and suitable for lawns and cemeteries. Price, 15 to 18 inch, 30c. each; \$3.00 doz.; 18 to 24 inch, 40c. each; \$4.00 doz.

## Weeping Trees.

**Birch, Cut Leaf.** This is one of the most beautiful and desirable trees for the lawn ever introduced. The branches are of graceful drooping habit, with foliage delicately cut and very fine. The bark is silvery white, forming a beautiful contrast with the foliage. It makes a rapid growth and is perfectly hardy in all sections of the country. Mr. Scott, in his "Suburban Home Grounds," says of it:—"No engraving can do it justice; like the palm trees of the tropics, it must be seen in motion, swaying in the lightest breeze, its leaves trembling in the heated summer air, its white bark, glistening through the bright foliage and sparkling in the sun, to enable us to form a true impression of its character." Price, 4 to 5 ft., 60c. each; doz., \$6.00; 5 to 6 ft., 75c. each; doz., \$7.50; 6 to 7 ft., \$1.00 each; doz., \$10.00; 7 to 8 ft., \$1.25 each; doz., \$12.50.

**Elm Camperdown.** A very graceful tree for lawn planting or covering arbors. The foliage is large, luxuriant, dark green, and the tree has the umbrella form so desirable. It is a rapid grower, very hardy and adapted to all sections. 6 ft. 1 year, head, 75c. each; doz., \$7.50; 6 ft., 2 year, heads \$1.25; each; doz., \$12.00.

**Mountain Ash, Weeping.** A beautiful, vigorous growth, with straggling, pendant branches, turning and twisting in all directions, in a few years forming an immense head with branches resting on the ground, and producing a very pleasing effect. It has clusters of fragrant, feathery blossoms, which as the season advances, ripen into scarlet berries. Price, 6 to 7 ft., 1 year head, 75c. each; doz., \$7.50.



Cut Leaf Birch.

**Pine, Austrian.** Remarkably robust, with long, stiff spikes and deep green foliage hardly every where, and valuable for planting as wind-breaks, screens, etc. A remarkably rapid grower and more easily transplanted than most varieties. Price, 18 to 24 inch, 25c.; \$2.50 doz.; 2 to 3 ft., 30c. each; \$3.00 doz.; 3 to 4 ft., 40c. each; \$4.00 doz.

**Pine, Scotch.** A most beautiful variety, similar to the Austrian in character of growth, with strong, erect shoots, and silvery needles. Price, 3 to 4 ft. 40c. each; \$4.00 doz.; 4 to 5 ft. 50c.; \$5.00 doz.

**Pine, White.** Quickest growing and most beautiful of all our native Pines, also one of the longest-lived and most valuable. It grows into beautiful trees, makes a fine back ground and shelter belt for lawns, and is a valuable timber tree. The needles are long, silvery and plummy. Price, 2 to 3 ft. 30c. each; \$3.00 doz.; 3 to 4 ft., 50c.; \$5.00 doz.

**Red Cedar.** A well known American tree; valuable for hedges. Price, 18 to 24 inch, 30c.; \$3.00 doz.; 2 to 3 ft., 40c.; \$4.00 doz.; 3 to 4 ft., 50c. each; \$5.00 doz.

**Spruce, Norway.** One of the handsomest of evergreens; when young the foliage is remarkably rich and luxuriant, as it grows older, its branches droop with a fine graceful curl or sweep, some specimens, however, more than others; and when covered with its large pendant cones it is an object exceedingly picturesque and beautiful. It is deservedly popular and with the American Arbor Vitae is more largely planted than any other variety. Fine for specimen trees and one of the best for hedges and wind breaks. Price, 18 to 24 inch, 25c.; \$2.50 doz.; 2 to 3 ft., 35c.; \$3.50.

**Spruce, Douglassi.** Another handsome variety from the mountains of Colorado. Grows in conical form to a large size with numerous branches spreading horizontally. Leaves bright green above, glaucous below. Prices, 18 to 24 in. 30c. each; \$3.00 doz.; 2 to 3 ft., 35c. each; \$5.00 doz.; 3 to 4 ft., 50c. ea; doz., \$5.00.

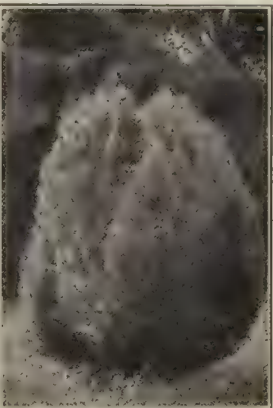
**Spruce, Hemlock.** An elegant pyramidal tree with drooping branches and delicate foliage; distinct from all other trees. It is a beautiful lawn tree; and makes a highly ornamental hedge. Price, 18 to 24 inch, 30c. each; \$3.00 doz.; 2 to 3 ft., 40c.; \$4.00 doz.; 3 to 4 ft., 50c.; \$5.00 doz.

**Spruce, Colorado Blue.** Among the evergreens this variety easily takes first place. The foliage is a rich, azure blue unlike that of any other variety, very distinct and attractive at all times. It is native of the Rocky mountains, where it flourishes high up among the everlasting snows. Its hardiness to withstand cold, heat, drouth and flood is well established, while its intense beauty commends it to all who wish a strictly choice ornamental tree. Our stock is the best selected colors. Price, 12 to 18 inch, \$1.00 each; \$10.00 doz.; 2 to 3 ft., \$2.00 each; \$20.00 doz.

**Spruce White.** One of the very best conifers, especially for cold climates. Compact, upright, long-lived, retaining its branches to the ground; aromatic, drought-resisting; varies in color from light green to glaucous blue. A good species for growing in tubs. Price, 12 to 15 in., 25c each; doz., \$2.50.



Arbor Vitae Pyramidal.



American Arbor Vitae.

PLANT A MINNETONKA APPLE. WE GUARANTEE EVERY TREE UNTIL IT PRODUCES A BUSHEL OF FRUIT.

## HEDGES.

The idea of planting hedges for use and ornament, and screens for the protection of orchards, farms and gardens, is a practical one and rapidly becoming appreciated.

They serve not only as protection against the fierce winds, but there is much less trouble from the blowing off of the fruit. Some writers tell us that the temperature is warmer in the vicinity of evergreens. However this may be, we know that our gardens are earlier and our fruits ripen better when protected by such screens. Nothing can be more beautiful than ornamental Hedges, well kept and pruned to serve as boundary lines between neighbors, or as divisions between the lawn and garden, or to hide unsightly places. By using medium sized plants a hedge can be made as cheaply as a good board fence can be built, and then with a little care, it is becoming every year more and more "a thing of beauty." We all know that such Hedges constitute a principal attraction in our best kept places.

AT PRICES NAMED ARE FOR STOCK ON BOARD CARS AT NURSERY BY EXPRESS AND FREIGHT ONLY.

**Barberry Purple.** A beautiful plant well adapted for ornamental divisions of city lots or wherever a showy, hardy hedge is desired. The plant is dwarf and stocky; the foliage and fruit both being violet color, form a striking combination. Price, 12 to 15 inch, \$1.50 doz.; \$8.00 per 100; 15 to 18 inch, \$2.00 doz., \$10.00 per 100; 18 to 24 inch, \$2.50 doz.; \$12.00 per 100.

**Buckthorn.** After a thorough test of all varieties listed here as well as many others, we consider this the best and hardest for the Northwest, as well as all other sections of the country. It stands our cold winters without a particle of injury, commences growth very early in spring, retains its foliage late in autumn. Price, 12 to 15 inch, \$5.00 per 100, 18 to 24 inch, \$7.50 per 100; 2 to 3 ft., \$10.00 per 100.

**Carragana Arborescens.** (Siberian Pea Tree.) This is a hardy variety from Northwestern Russia, now being extensively planted in Manitoba and Dakota. The foliage resembles the Locust, the leaflet terminating in a short, sharp point. Price, 12 to 15 inch doz., \$2.00; 100 \$7.50; 18 to 24 inch, \$2.50 doz., \$12.00 per 100.

**English Hawthorne.** A celebrated English Hedge, which after being tested in the Northwest is found to be equally as hardy as Buckthorn, and by many preferred. Flowers single white. Price, 12 to 15 inch, \$5.00 per 100; 15 to 18 inch, \$7.00 per 100.

**Honeysuckle Tartarian.** This is the popular old-time variety often used for hedging, and comes in three colors of fragrant flowers: White, pink, and red. This is the tallest sort and is called the upright variety. Price, 18 to 24 inch, \$15.00 per 100; 2 to 3 ft., \$20.00 per 100.

**Honey Locust.** In many sections of the North this is still considered the best. It is of vigorous growth, perfectly hardy, thrives with ordinary care and on account of its thorny nature, is well adapted for farm planting. Price, 1 year, \$3.00 per 100; 2 year, \$5.00 per 100.

**Japan Quince.** The foliage is bright glossy green, retaining its color throughout the summer. The flowers, which are borne in the greatest profusion, are brilliant crimson, very showy and attractive, and are produced before the leaves appear in the spring. Price, 15 to 18 inch, \$8.00 per 100; 18 to 24 inch, \$10.00 per 100.

**Privet, California.** A recent introduction that has met with great favor wherever planted. It makes a very rapid growth, has shining, dark green leaves, which it retains until late in the fall. Price, 18 to 24 inch, \$3.00 per 100; 2 to 3 ft., \$4.00 per 100.

**Privet, Common.** An excellent plant for ornamental hedges. It makes rapid growth and is easily trained and cared for. The foliage is bright and clean and in early summer the plant is covered with tiny white blossoms. Price, 18 to 24 inch, \$2.50 per 100; 2 to 3 ft., \$3.00 per 100.



A Hedge of Rosa Rugosa.

**Rosa Rugosa.** This Japanese Rose forms a sturdy bush, 4 to 5 feet high, covered with large, dark green, glossy foliage, crowned with terminal clusters of 10 to 20 flowers, each 3 inches in diameter. Perfectly hardy. A valuable plant for the hardy border or shrubberies, its large handsome, scarlet fruits being very ornamental all through the autumn and early winter months. It also makes a splendid hedge, its foliage being impervious to the attacks of insects of all kinds. Price, 2 year, strong, \$2.50 doz.; \$20.00 per 100.

**Russian Olive.** A native of the Northwestern plains. The foliage is silvery white, the flowers small, yellowish, produced very abundantly. Perfectly hardy, and resists drought and heat in a remarkable degree. By cutting back each season, it forms a very compact, dense hedge of a most beautiful appearance. Price, 1 year, strong, \$3.00 per 100; 2 year, strong, \$5.00 per 100.

### EVERGREEN HEDGES.

	Per 100	Per 1,000
AMERICAN ARBOR VITAE. 8 to 10 inches .....	\$1.50	10.00
AUSTRAIN PINE. 8 to 10 inches .....	1.50	10.00
SCOTCH PINE. 8 to 10 inches .....	1.50	10.00
NORWAY SPRUCE. 8 to 10 inches .....	1.50	10.00
RED CEDAR. 8 to 10 inches .....	1.50	10.00

### FOREST AND ORNAMENTAL TREE SEEDLINGS.

Well Rooted Nursery Grown and Lowest Prices.

These are all cultivated, nursery stock, with good roots and are far superior to many of the seedlings pulled from forests and river bottoms, with few if any roots, such as are offered by many nurserymen and sold through agents. They are intended for planting groves, tree claims, wind breaks, etc., and are always sent by express or freight at purchasers' expense.

	1 year	1 year	2 year	2 year
	Per 100	Per 1,000	Per 100	Per 1,000
BOX ELDER .....	\$0.75	\$4.00		
COTTONWOOD .....	.75	4.00	1.00	\$6.00
ELM, AMERICAN .....	.75	5.00	1.00	7.00
MAPLE, SOFT .....	.50	3.50	.75	5.00
ASH, WHITE .....	.60	3.75	.75	5.00
MULBERRY, RUSSIAN .....	.60	4.00	.75	6.00

### ROOTED CUTTINGS.

CAROLINA POPLAR	1 yr., 2½ to 4 feet,	\$3.00 per 100	\$25.00 per 1,000
LOMBARDY "	1 " 2½ " 4 "	3.00 "	100 25.00 "
LAUREL WILLOW	1 " 2½ " 4 "	3.00 "	100 25.00 "
GOLDEN WILLOW	1 " 2½ " 4 "	3.00 "	100 25.00 "



A Buckthorn Hedge.



The Hawkeye Tree Protectors.

### HAWKEYE TREE PROTECTOR.

A sure protection against sunscald, rabbits, mice and other vermin. Made of the very best quality Rock Elm Vencer, 12 inches long, 20 inches wide. They are very durable and will last for many years. They can be tied about the tree with twine or fastened with tinned wire. The latter is preferable as it will not rot or rust.

Price, \$1.00 per 100.

## CHOICE FLOWERING SHRUBS.

With very little expenditure the plainest farmhouse can be made a veritable bower and the ugliest suburban home can, by the judicious planting of trellisses vines, shrubs, etc., become the envy of the millionaire across the street. A protruding upper window, ugly in itself, covered with clambering vines and roses is one of the most beautiful things one could imagine. Flowering shrubs appear at their best when planted in groups, but they also show to advantage when planted singly, and by judicious selection of varieties a succession of bloom is assured all summer. In laying out new grounds we advise the extensive use of shrubs, as they make a beautiful showing the first season.

**Special Notice.** PRICES—Plants listed under the heading of shrubs, as follows: 10c ea., postpaid are \$1.00 per doz.; 15c ea., postpaid are \$1.50 per doz.; 20c ea., postpaid are \$2.00 per doz.; 25c ea., postpaid are \$2.50 per doz.; if single rate is not followed by (postpaid) can not be sent by mail. All shrubs when priced singly and not followed by the word (postpaid) are sent by express or freight at purchasers expense, as follows: 25c ea., are \$2.50 per doz.; 30c ea., are \$3.00 per doz.; 35c ea., are \$3.50 per doz.; 40c ea., are \$4.00 per doz.; 50c ea., are \$5.00 per doz.

Prices per 100 or 1000, on application.

## ALMONDS.

**Double Pink.** The blossoms are double like roses, set closely on the twigs and appear before the leaves in the early spring. The shrub is dwarf. Blossoms are bright pink. 2 to 3 ft., strong, ea., 40c.

**Double White.** Snowy blossoms, like white roses. 2 to 3 ft., strong, ea., 40c.

**Berberry Purple.** This plant has been described as a hedge plant but its effect is fully as good when planted singly or in contrast with golden leaved plants. The leaves are deep violet or purple and in June it produces yellowish-white flowers, which turn to purple berries as the season advances. 10c ea.; 3 for 25c., postpaid; 18 to 24 inch, 25c ea., 2 to 3 ft., strong, ea., 30c.

## Berberry Thunbergii.

A unique and charming Japanese variety, forming low, dense, neat bushes, which produce a profusion of white flowers in May. In early autumn it is aglow with scarlet leaves and berries, the latter clinging to the branches throughout the winter. 10c ea.; 3 ft., 25c, postpaid; 18 to 24 in., ea., 30c.

**Calycanthus.** (Sweet Scented Shrub.) The peculiarity and pleasing fragrance of this together with its rich foliage and reddish brown flowers makes it very interesting. It blossoms in June and at intervals during the summer. 15c. ea.; 2 for 25c., postpaid; 18 to 24 in., ea., 25c.

**Clethra Alnifolia.** (Sweet Pepper Bush.) A very hardy, neat, upright growing shrub, not only valued for its beauty and sweetness, but is in demand for the honeybee to feed upon. Blooms every season, producing pure white fragrant flowers in spikes 3 to 6 inches long. 10c ea.; 3 for 25c, postpaid; 18 to 24 in., ea., 25c.; 2 to 3 ft., ea., 30c.

**Cornus Sanguinea.** (Red-branched Dogwood.) A perfectly hardy shrub with a showy red bark, which becomes more brilliant with the approach of winter. In the early spring it is covered with yellow flowers. It is a good sized, handsome shrub and serves as an ornament the year round. 15c ea.; 2 for 25c, postpaid; 18 to 24 in., ea., 25c.; 2 to 3 ft., ea., 30c.



Cornus Variegata.

**Sibirica Alba.** (Siberian Dogwood.) Free growing and very hardy; forms a small, handsome tree in some situations. Flowers white, clustered; bark a showy deep red. 15c ea.; 2 for 25c, postpaid; 15 to 18 inch, ea., 25c.

## Sibirica, Variegata.

A large, spreading shrub, with white flowers in June, variegated foliage and coral red bark. 15c ea.; 2 for 25c, postpaid; 15 to 18 in., ea., 25c.

**Spaethi Aurea.** Of quick growth with strong shoots and bright red bark. The leaves are broadly margined with creamy yellow. One of the choicest variegated shrubs. 15c ea.; 2 for 25c., postpaid; 15 to 18 in., ea., 25c.

**Paniculata.** Very handsome when started with white flowers clusters, and again in autumn when laden with red-stemmed white fruits. 15c ea.; 2 for 25c., 15 to 18 in., ea., 25c.

**Stolonifera.** A medium sized spreading shrub, with dark red bark and white flowers, followed by white berries. 15c ea., 2 for 25c., postpaid; 15 to 18 in., ea., 25c.

## Flowering Currants.

**Yellow Flowering.** The beautiful gold and crimson blossoms of this hybrid are borne in pendent clusters in May. 15c. ea; 2 for 25c., postpaid; 2 to 3 ft. ea., 30c; 3 to 4 ft., ea., 35c.

**Red Flowering.** Deep red flowers in graceful drooping clusters. Later than other sorts in bloom. 15c ea.; 2 for 25c., postpaid; 15 to 18 in., ea., 25c.

## DEUTZIAS.

**Crenata.** The flowers are very large, double pure white. The shrub is very hardy and altogether is one of the best Deutzias. 10c ea.; 3 for 25c., postpaid; 18 to 24 in., ea., 25c.; to 3 ft., ea., 30c.

**Double Rose.** Exquisite blossoms, shaped like a rosette, tinged with delicate pink, very large. 10c ea.; 3 for 25c.; postpaid; 18 to 24 in., ea., 25c.; 2 to 3 ft., ea., 30c.

**Gracilis.** One of the handsomest of the Deutzias—it forms a low, compact bush, which is covered with blossoms. The flowers are single, pure white and borne lavishly on every branch and twig. 10c. ea.; 3 for 25c., postpaid; 18 to 24 in., ea., 25c.; 2 to 3 ft., ea., 30c.

## Pride of Rochester.

One of the finest varieties, producing large double white flowers; the back of the petals slightly tinted with rose. Blooms early in June. 10c ea.; 3 for 25c., postpaid; 18 to 24 in., ea., 25c.; 2 to 3 ft., ea., 30c.

**Waterii.** A new, single, white, large flowering variety, very hardy. 10c ea.; 3 for 25c., postpaid; 18 to 24 in., 25c.; 2 to 3 ft., ea., 30c.



Yellow Currant.



Eleagnus Longipes.



Purple Finger.

white flowers, very fragrant, which appear in the spring planted against evergreens and beautiful as specimen plants.

**Forsythia Suspensa.** One of the best early flowering shrubs, producing masses of yellow, drooping flowers before any other tree or shrub shows a leaf. 10c. each; 3 for 25c., postpaid; 2 to 3 ft., 30c. each.

**Honeysuckle. Red Tartarian.** One of the oldest and most popular varieties growing from 6 to 10 feet high, forming an upright, compact head, thickly covered in May with scarlet flowers, which are followed by orange berries in the fall. Absolutely hardy, never winter kills nor is affected by insects. 10c. each; 3 for 25c., postpaid; 18 to 24 inch, 20c.; 2 to 3 ft., 25c.; 3 to 4 ft., 35c.

**Honeysuckle. White-Tartarian.** Identical with the Red Tartarian except in color, the flowers being pure white. 10c. each; 3 for 25c., postpaid; 18 to 24 inch, 20c.; 3 to 4 ft., 35c.

**Tree Hydrangea.** Some as *Hydrangea Paniculata Grandiflora*, except, grown in the tree form and is very attractive for lawn decoration. With a broad surface, should be planted in groups of 6 to 10 plants and make a beautiful appearance; for small lawns should be planted singly. The tree Hydrangea, like the bush Hydrangea, needs pruning, and should be cut back severely each spring. 3 to 4 ft., 50c.; 4 to 5 ft., 75c. each.



Hydrangea Paniculata Grandiflora.

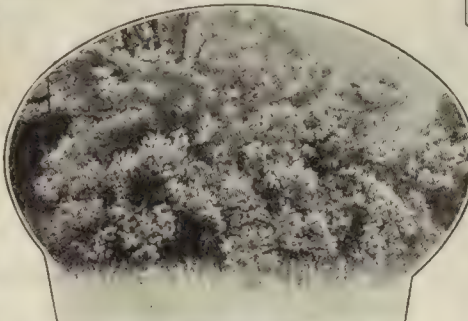
**Golden Elder.** (*Sambucus Aurea*.) A native of Holland. The leaves are a bright yellow, giving the best effect when planted in contrast to other shrubs. The blossoms, which resemble those of the Common Elder, appear in July. It is a very beautiful shrub, striking and effective adapted to all parts of the country and very hardy. 10c. each, 3 for 25c., postpaid; 18 to 24 inch, 25c. each; 2 to 3 ft., 30c.

**Elder, Red Fruited** Of somewhat stockier growth than the common Elder, with white flowers followed by red fruits. 15c. each; 2 for 25c., postpaid; 15 to 18 inch, 25c. each.

**Filbert American.** (*American Hazelnut*.) A large growing shrub, useful for planting in groups for screening purposes as well as for the nuts, perfectly hardy everywhere 2 to 3 ft., 25c. each.

**Fringe Purple.** (*Smoke Tree*.) A large bushy symmetrical shrub, growing from 10 to 12 feet high, with curious, hair-like flowers of a purplish brown color, which give it the names "Purple Fringe" and "Smoke Tree." The blossoms appear in July and remain all summer. 2 to 3 ft., 40c.; 3 to 4 ft. 50c. each.

**Fringe, White.** A large shrub or small tree with large heavy leaves almost hidden by a mist of fringed white with the leaves; very effective when 18 to 24 inch, 35c. each.



Honeysuckle Bush.

To obtain the best results the plants should be severely pruned back each season. Flowers are made on the new wood and the closer it is trimmed the stronger the new growth and blooms and growth will be. We have seen specimens of this plant at our trial grounds carrying over 500 large blooms. Mulch the ground thoroughly around the plant; never allow it to dry out, and give it an abundance of water during the flowering season. 10c each 3 for 25c., postpaid; 18 to 24 inch, 25c each; 2 to 3 ft., 30c each.



Tree Hydrangea.

**Hydrangea Paniculata Grandiflora.**

This is the handsomest shrub grown anywhere. It is a native of Japan and thrives in all sections of the country, coming into bloom in August when all other shrubs are through flowering. It grows from 8 to 10 feet high, producing great pyramidal panicles of bloom 1 to 2 feet in length and 6 to 12 inches in diameter. The blossoms are at first pure white turning gradually to a delicate pink, hence it grows deeper as the season advances, through the sunset shades to lavender. The blooms dry like "Everlasting Flowers," and can be kept in doors all winter. It is hardy as the oak, never kills back and for specimen plants, groups borders or ornamental divisions it is very beautiful.



Golden Elder.

**Kerria, Japonica.** (Globe er.) A graceful slender shrub, growing 4 to 5 feet high, producing in great abundance double, yellow globe-shaped flowers from early summer till autumn. 10c. each; 3 for 25c., postpaid; 18 to 24 inch, 25c. each; 2 to 3 ft., 30c. each.

**Quince Japan.** This has been described among the hedges. Its large, brilliant, scarlet flowers appear among the first in the spring in great profusion. The foliage is bright green and glossy, retaining its colors through out the summer. It is sufficiently thorny to make a defensive hedge and is at the same time very beautiful. It is very effective as a specimen plant, in borders or in groups. 10c. each; 3 for 25c., postpaid; 18 to 24 inch, 25c.; 2 to 3 ft., 30c.

## LILAC.

### Large Flowering Purple

A well-known and popular shrub. The flowers are a deep purple and their familiar fragrance is loved by all. The Lilac is very easy of culture, grows in any soil and location and stands poor treatment and neglect better than any shrub we know. 10c. each; 3 for 25c., postpaid; 2 to 3 ft., 30c. each; 3 to 4 ft., 40c.

### Large Flowering White.

Identical with the above, except in color, the flowers being pure white. 10c. each; 3 for 25c., postpaid; 2 to 3 ft., 30c. each; 4 to 5 ft., 40c.

**Belle de Nancy.** A robust grower, forming nice rounded tops in a short time. Blooms very late, producing very large, double, light purplish blooms, tinged with blue, lighter towards the centre. 2 to 3 ft., strong budded, 50c.; 3 for 4 ft., 60c.

**Charles X.** Of exceptionally strong, rapid growth, with large, shining leaves and rather loose trusses of reddish purple flowers. 2 to 3 ft., strong budded, 40c. each; 3 to 4 ft., 50c.

**Josikea.** Hungarian. A fine distinct species, of tree-like growth, with dark shining leaves and purple flowers in June after other sorts are through blooming. Particularly esteemed for its foliage and habit. 18 to 24 inch, 25c. each; 2 to 3 ft., strong, 35c. each.

### Madame Abel Chatenay.

Pure white flowers in very large panicles. This is one of the best budded varieties, the flower stem being long and bloom very full and compact. We recommend it as the best white flowering variety. Bush hardy and good grower. 2 to 3 ft., 50c. each; 3 to 4 ft., 60c. each.



Kerria, Japonica.



Snowball, Large Flowering.

**Marie Le Gray.** Superb cream, white flower plumes, of large size. Bush of dwarf compact growth and attractive foliage. Extra choice and valuable for forcing. 2 to 3 ft., strong budded, 40c. each; 3 to 4 ft., 50c. each.

**Giant Tree Lilac.** A magnificent variety from Northern Japan; one of the finest. The blossoms are borne in panicles 18 to 20 inches long, are pure white, very fragrant and appear a month later than other varieties. It forms a tree 20 to 30 feet high, the foliage being large, dark green. 2 to 3 ft., strong, 40c. each; 3 to 4 ft., 50c. each; 4 to 5 ft., 60c. each.

### Magnolia Accuminata.

A beautiful, pyramidal growing shrub with large glossy leaves and yellow flowers tinted bluish purple. The fruit cones are large, cucumber shaped, turning crimson in the autumn 2 to 3 ft., strong, 25c. each.

### Prunus Pissardi. (Purple Leaf Plum.)

One of the finest purple, leaved small trees of shrubs. The young branches are dark purple, the leaves, when young, crimson, changing to dark purple. In spring it bears a profusion of white blossoms. Winter pruning gives stronger shoots and darker leaves. 3 to 5 ft., 40c. each.

### Prunus Triloba. (Plum, Double Flowering.)

A very handsome desirable shrub introduced from Japan. Flowers semi-double, an inch or more in diameter, of a delicate pink tint, set thickly on the twigs and produced in early spring. A most handsome ornament to any lawn. 3 to 4 ft., 40c. each.

### Snowball, Large Flowering.

This attains a height of 10 to 12 feet. Blooms in the latter part of May and is used extensively for Memorial Day decorating. Flowers are large balls, pure white, borne in clusters of 5 or 6. 10c. each; 3 for 25c.; 18 to 24 inch, 25c. each; 2 to 3 ft., 30c. each.

### Snowball, Japan. (Plicatum)

— Hand-some plicated leaves; globular heads of pure white neutral flowers, early in June. It surpasses the common variety in several respects. Its habit is better, foliage much handsomer, flowers whiter and more delicate. One of the most valuable flowering shrubs. 18 to 24 inch, 40c. each.

One of the most valuable flowering shrubs. 18 to 24 inch, 40c. each.

### High Bush Cranberry. (Opulus.)

Both ornamental and useful. It produces large red berries resembling cranberries, which are esteemed by many for pies, jellies, etc. These hang on the plant until killed by frost and are at all times beautiful. 10c. each, 3 for 25c., postpaid; 18 to 24 inch, 25c. each; 2 to 3 ft., 30c. each; 3 to 4 ft., 40c. each.



Tree Lilac.

### Snowberry. (White)

A most beautiful little shrub, producing a profusion of flowers in early summer, and large white, waxen berries in autumn. 10c. each, 3 for 25c., postpaid; 2 to 3 ft., 30c.

### Snowberry. (Red.)

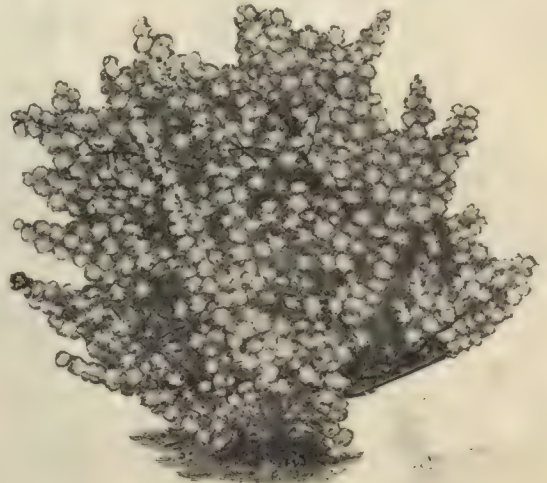
Similar to the Snowberry, except that its fruits are red, and that the smaller red berries cluster in thick ropes about the stems, which droop beneath their weight. 10c. each, 3 for 25c., postpaid; 15 to 18 inches, 25c.

### Giant Collection

- 1 Hydrangea, P. G.
- 1 Snowball.
- 1 Cranberry, High Bush.
- 1 Syringa, Mock Orange.
- 1 Spirea Billardi.
- 1 Lilac, white or purple.

for  
**\$1.00**

Freight or Express.



Double Flowering Plum.

## SHRUBS. Continued.

**Spireas.** Some varieties of this class of shrubs are in bloom nearly all the season. All kinds have a riotous extravagance of bloom that renders them very attractive. They are so varied in flower, leaf and growth that monotony from planting too many kinds is impossible. They are hardy and easily grown in all situations. A collection of all the different varieties which we offer will give much pleasure.

**Anthony Waterer.** Makes a dwarf bush 18 to 24 inches high, covered from spring till late in the fall with large heads of crimson flowers. Perfectly hardy. Grand for border to taller growing shrubs, single specimens plant for the lawn or for winter and spring blooming in pots. 10c ea.; 3 for 25c., postpaid; 12 to 18 inches, 25c.; 2 to 3 feet, 30c each.

**Aurea.** Of similar habit. The leaves are bright yellow in spring, gradually changing to golden bronze in fall. 10c ea.; 3 for 25c.; postpaid, 2 to 3 ft., 30c ea.

**Callosa Alba.** A dwarf variety bearing pure white flowers in great profusion. Keeps all summer. A good companion to A. Waterer. Price, 10c ea.; 3 for 25c.; postpaid; 15 to 18 inches, 25c each.

**Douglassi.** Flowers of a beautiful rose color, massed on long spikes, in July and August. 10c ea.; 3 for 25c., postpaid; 3 to 4 feet, 30c ea.

**Billardii.** One of the prettiest on the list. Bears handsome spikes of pink blossoms from June until killed by the frost in late autumn. It forms beautiful hedges for lawns and along sidewalks. It may be kept low by pruning it in the early spring. It is also valuable for covering old fences in the back yard, but in this case should not be pruned very much. For groups, in beds, on the lawn, it is always attractive and desirable. 10c each; 3 for 25c., postpaid; 3 to 4 ft., 25c ea.; 4 to 5 ft., 30c each.

**Golden.** This is one of the most effective shrubs for the lawn; foliage green, bordered with a rich golden yellow; very distinct and beautiful, particularly in June, when the branches are covered with double white flowers. 10c each; 3 for 25c., postpaid; 4 to 5 ft., 35c each.

**Van Houtti.** One of the most charming and beautiful of the Spireas, having pure white flowers in clusters or panicles an inch in diameter. Astonishingly profuse in bloom and plants remarkably vigorous and hardy. But recently introduced from France, and considered by many the finest flowering shrub in cultivation. 10c ea.; 3 for 25c., postpaid; 18 to 24 in., 25c ea.; 2 to 3 ft., 35c ea.; 3 to 4 ft., 50c ea.

## SYRINGA OR MOCK-ORANGE.

**Golden.** A brilliant little shrub, with bright, golden leaves, retaining its color throughout the entire season. Grouped with green and purple leaved shrubs it produces fine effects. 10c ea.; 3 for 25c., postpaid; 18 to 24 in., 25c ea.; 2 to 3 ft., 35c each.

**Grandiflora.** A large, showy shrub, with curved branches laden with large, showy flowers, having a faint fragrance. 10c ea.; 3 for 25c., postpaid.

**Zeyheri.** Of medium growth and graceful habit. The branches curve slightly at the tips, displaying all the better their profuse inflorescence of large, pure white, fragrant flowers. Showiest shrub of its group. 10c ea.; 3 for 25c., postpaid; 18 to 24 in., 25c ea.

**Eva Rathke.** A popular new kind, of erect form and vigorous habit. The deep carmine-red flowers are the best of the red-flowering sorts 15c ea.; 2 for 25c., postpaid; 15 to 18 inch, 25c ea.

**Kost Variegata.** Of dwarf, compact growth, leaves bordered with yellow, flowers deep rose—very fine. 2 to 3 ft., 30c each.



Syringa.



Spirea Billardii.

**Coronarius.** A medium sized shrub, bearing an abundance of white, sweet-scented flowers the last of May. 10c ea.; 3 for 25c., postpaid; 2 to 3 ft., 30c ea.

**Tamarix Africana.** Bright pink flowers in slender racemes on shoots of the preceding season's growth. 15c ea.; 2 for 25c., postpaid; 18 to 24 in., 30c ea.

**Weigelia.** These shrubs bloom after the lilacs, in June and July. They make a strong growth, erect when young, gradually spreading and drooping into most graceful shape with age. Their large flowers are of wide trumpet shape, of all colors from white to red, and borne in clusters thickly all along their branches. Used for borders, groups, immediate effects and low screens.

**Abel Carriere.** Blossoms are a bright rose. One of the best. 2 to 3 ft., 35c each; 3 to 4 ft., 40c each.

**Ambalis.** A pink-flowered variety, and one of the best. 2 to 3 ft., 30c each.

**Candida.** An erect, vigorous grower, producing pure white blossoms of rare beauty, in the greatest profusion in June and continuing throughout the summer. 10c each. 3 for 25c postpaid; 2 to 3 ft., 30c.

**Rosea.** Bears an abundance of rose colored flowers in May and June. Introduced from China and valuable for specimens. 10c ea.; for 25c., post paid; 2 to 3 ft., 30c ea.

**Rosea Nana Variegata.** One of the most conspicuous shrubs that we cultivate: leaves beautifully margined creamy white; flowers pink. It is a dwarf grower and admirably adapted to small lawns or gardens. Unsurpassed for ornamental hedges and most beautiful at all times. 10c each; 3 for 25c., postpaid; 18 to 24 inch, 25c each; 2 to 3 ft., 35c each; 3 to 4 ft., 50c each.



Weigelia Nana Variegata.

Send for a collection of any of these choice shrubs and they will afford you much pleasure at little cost.

## HARDY CLIMBING VINES.

Without climbing vines many of our beautiful homes would present a sad and unprotected picture during our hot summers. In addition to their attractiveness they also give the home that exclusiveness that cannot be had in any other way. There are also many of the vines that will be found suitable for many other purposes. The Ampelopsis is especially adapted for covering stone work. The Honeysuckles and Clematis, in addition to being attractive for the porch, will be found useful for covering wire fences, tree stumps and many other unsightly objects can be made beautiful with these vines.

**Special Note.** Single plants each and 1 yr. postpaid. Doz 2 and 3 yr. express or freight purchasers expense. Single price at 10c. are \$1.00 per doz. 15c. \$1.50, 20c \$2.00 doz. 25c. \$2.50 doz. 30c. \$3.00 doz. 35c. \$3.50 doz. 40c. \$4.00 50c. \$5.00 doz.

### Actinidia Polygama.

(Silver Sweet.) The foliage resembles the lilac. On the ends of the flowering shoots the third season it changes to a silvery white color, giving the effect of large white flowers among the green leaves. The blossoms appear in June, are creamy white, with bright yellow anthers, and a fragrance resembling the Lily of the Valley. 10c ea.; 3 for 25c., postpaid; 2 year, strong, 30c.

### Ampelopsis Quinquifolia.

(Virginia Creeper.) A well known, hardy native climber. 10c ea.; 3 for 25c., postpaid; 2 year, strong, 25c ea.; 3 year, strong, 30c ea.

### Ampelopsis Englemanni

(Engleman's Ivy.) This is one of the hardest and best climbers for the North and Northwest ever introduced. The foliage resembles that of the Virginia Creeper, but the vines cling closely to the brick walls, etc., by means of small disc-like feet or climbers like the Japan Ivy. 10c ea.; 3 for 25c., postpaid; 2 year, strong, 30c. ea.; 3 year, strong, 35c ea.

### Ampelopsis Veitchii.

(Japan or Boston Ivy.) A rapid grower, with small, purplish green leaves, which change in autumn to beautiful tints of crimson and orange. 15c ea.; 2 for 25c., postpaid; 2 year, strong, 25c. ea.; 3 year, strong, 30c. each.

### Celastrus Scandens.

(Bitter Sweet.) A very hardy native twining vine with yellow flowers, followed by clusters of orange-scarlet berries. 10c ea.; 3 for 25c., postpaid. Strong 25c. each.

## HONEYSUCKLES.

### Japan Golden-Leaved.

Of vigorous growth, forming radiant festoons and masses with its clear golden leaves; flowers creamy white. 15c ea.; 2 for 25c., postpaid; 2 year, strong, 25c ea.



Clematis Jackmanni.



Clematis Paniculata.



Ampelopsis Englemanni.

**Hall's Japan** Pure white and creamy yellow; fragrant flowers; bloom the whole season. Almost evergreen. Besides its ordinary uses as a climber, it is valuable for covering banks, bare places, etc., where grass will not grow. 15c ea.; 2 for 25c., postpaid; 2 year, strong, 25c ea.

**Scarlet Trumpet.** The most brilliant variety of all the Honeysuckles, producing thick clusters of long, tubular, scarlet blossoms and bluish green leaves. 15c ea.; 2 for 25c., postpaid; 2 year, strong, 25c ea.

## CLEMATIS.

**Paniculata.** Hardy in all parts of the United States. The blossoms are pure white, very fragrant and borne in great bunches or clusters, covering the plant so completely as to almost hide from view the rich glossy green foliage. Price, 1 yr., 20c ea.; 3 for 50c., postpaid; 2 yr., strong, 25c ea.; 3 yr., strong, 35c ea.

**Jackmanni.** The best of all the large flowering varieties. Color a deep violet purple. A strong rampant grower succeeding well in all localities and perfectly hardy everywhere. 1 yr., 25c ea.; 3 for 60c., postpaid; 2 yr., 40c ea.; 3 yr., 50c ea.

**Henryi.** Creamy white; large and of fine shape; a free grower and bloomer. 1 yr., 25c.; 3 for 60c., postpaid; 2 yr., 40c.; 3 yr., 50c.

**Ramona.** varieties. The blossoms are larger than those of any other variety, measuring 6 to 7 inches in diameter are a deep sky blue in color, distinct from any other kind and very attractive. 1 yr., 25c. ea.; 3 for 60c., postpaid; 2 yr., 40c ea.; 3 yr., 50c ea.

**Madame Edouard Andre.** Has been called the Crimson Jackmanni. The plant is a strong, vigorous grower, and very free in bloom. Color a distant crimson-red. Entirely distinct from all other varieties. 1 yr., 25c ea.; 3 for 60c., postpaid; 2 yr., 50c ea.

**Virginiana.** American White Clematis. A remarkably rapid climbing plant, growing to a height of twenty feet, producing an immense profusion of flowers in August. 15c ea.; 2 for 25c.; 2 yr., 25c.

**Bignonia Radicans.** (Trumpet Flower.) An excellent vine with handsome lance shaped leaves. The flowers are orange and scarlet. 15c ea.; 2 for 25c.; strong, 2 yr., 30c. ea.

**Dutchman's Pipe.** A magnificent hardy vine of rapid growth, with very large heart shaped leaves and brownish flowers, resembling in shape a miniature pipe. Splendid for archways or verandas. 3 yr., strong, 40c ea.

**Matrimony Vine.** (Lycium Chinensis.) This is a most vigorous, hardy, climbing plant when trained to an arbor, fastened to a fence, attached to a tree, to the side of a house, the pillars of a piazza, or in any location where a quick growing hardy climber is desired. It sends out numerous branches so that it covers a great amount of space in a short time, and every new growth is at once covered with flowers, which are succeeded by beautiful berries nearly an inch long, every branch being loaded down with them. It continues flowering and new berries are forming from late spring until frost. The berries ripen in early autumn and remain on the vine until the early winter. It will grow and thrive in any situation, either shade or bright sunlight and will take root in any soil. Valuable as it is for covering fences, etc., it is even more desirable for clamboring over stone walls, bare rocks or unsightly banks, covering them quickly with bright green foliage and later rendering them objects of beauty with its wealth of purple flowers and scarlet berries. 10c ea.; 3 for 25c., postpaid; 3 yr., strong, 25c. ea.; 3 for 60c.

**Wistaria.** A perfectly hardy and popular vine with large clusters of purple flowers. 1 yr. 25c. ea., postpaid; 2 yr., strong, 35c. ea.

## PAEONIES.



Grandiflora Alba.

**DELICATISSIMA.** Large flower, very delicate, clear pink, fragrant and vigorous. Each 30c.  
**DORCHESTER.** Beautiful Salmon flesh color, free bloomer. Each \$1.00.  
**DUCHESS DE NEMOUR.** Beautiful cup shaped sulphur white. Each 75c.  
**DUKE OF WELLINGTON.** Sulphur white immense bloom. Each 40c.  
**EDULIS SUPERBA.** Large, perfect shaped pink tinted violet. Each 50c.  
**EMILY LEMOINE.** Very rich red. Each 40c.  
**FESTIVA.** A good white, much like Festiva Maxima, but later. Each 40c.  
**FESTIVA MAXIMA.** Early, enormous, very full, shell formed bloom, often seven to eight inches in diameter, color snowy white, shaded to delicate creamy white, undoubtedly the finest and most valuable early White Paeonie in existence. Each 75c.  
**FRAGRANS.** Very late, dark red. Each 25c.  
**GOLDEN HARVEST.** Clear yellow center, white with carmine tips. Each 50c.  
**GRANDIFLORA ALBA,** resembles, and is often sold as Festiva Maxima. 25c. Each.  
**GRANDIFLORA ROSEA.** Medium size, good bloomer, clear even pink. Each 25c.  
**HUMEL.** Large cherry pink. Extra quality. Each 25c.  
**JOAN D'ARC.** Soft sulphur white, spotted with carmine. 50c. Each.  
**LADY BERESFORD.** Very sweet, soft blush Pink, delicate and beautiful. Each \$1.50.  
**LADY BROMWELL.** Silvery rose, very fragrant. Each 40c.  
**LOUIS VAN HOUTTI.** Late, very double, violet red, blackest crimson shadings, beautiful. Each 40c.  
**L'ESPERENCE.** White, washed with soft pink. Each 25c.

Few hardy herbaceous plants are so suited to any position in garden or ground as the Paeony. The gorgeous display of flowers in their season is very effective, and the dark green foliage at all times is attractive. What better frontage for shrubberies or, in fact, for any large plantation, than Paeonies? They are also well suited to massing in beds by themselves. Give the borders or beds a deep and thorough spading; yes, trench the ground, working in a liberal supply of the best decomposed manure, and again a top-dressing of the same in the spring. Avoid planting too deep; an inch or so of soil over the bud is sufficient. Don't expect too much of them the first year. They are a little slow in their growth, but after a couple of seasons, if they have been well cared for, you will have no reason for regretting the extra pains in setting.

**Special Note.** Single plants mailed free, dozen and 100 by express or freight at purchaser's expense.

**ACHILLE.** Flesh white, very highly scented. Each 30c.  
**AGIDA.** Rich and glowing, dark red. Each 35c.  
**AGNES MARY KELWAY,** large pink, yellow center. Each 75c.  
**ANDRE LAWRIES.** A fine late flowering deep red. Each 30c.  
**BARRON ROTHSCHILD.** Outside petals Rose, center salmon, sweet. Each 30c.  
**BERLIOZ.** Currant red, dwarf and compact. Each 50c.  
**CANARY.** Large cream, yellow. Each 30c.  
**CARNILE CALOT.** Pinkish white. Each 30c.  
**CYNTHIA.** Large flowering white. Each 50c.



Delicatissima.

**MAD. BUCQUET.** Black velvety amaranth. Each 40c.  
**MAGNIFICA.** Soft rose, sulphur edged carmine, extra fine. Each 50c.  
**MARIE LEMOINE.** Delicate flesh color changing to white. Each 30c.  
**MODELE D'PERFECTION.** Solid, clear pink. Each 40c.  
**MONT BLANC.** Sulphur white, extra fine. Each 75c.  
**OFFICINALIS ALBA.** Blush white. Early flowering. Each 30c.  
**OFFICINALIS ROSEA.** Beautiful clear pink double. Each 30c.  
**OFFICINALIS RUBRA.** Rich deep crimson, very early, best of the dark red varieties. Each 40c.  
**PRINCESS MATHILDE.** Rose, tinted violet, enormous flower. Each 35c.  
**PURPUREA SUPERBA.** Early dark red. Each 50c.  
**POTTSH.** Brilliant crimson. One of the best standard varieties. Each 25c.  
**QUEEN VICTORIA.** Pure white with a few red marks on edge of petals. Each 40c.  
**REIN VICTORIA.** Clear flesh, center penciled with yellow. Each 40c.  
**RUBRA SUPERBA (Richardsons.)** Latest of all Paeonias darkest crimson, almost black. Each 75c.  
**RUBRA TRIUMPHANTS.** Intense glowing rich crimson. Each 30c.  
**ROSEA PLENA.** Double pink. Each 25c.  
**THE BRIDE.** Dainty blush white. Each 50c.  
**VICTORIA TRICOLOR.** Bright rose center, yellowish white. Each 60c.

Plants quoted at	25c. each,	\$2.50 doz.
" " "	35c. " "	3.50 " "
" " "	50c. " "	5.00 " "
" " "	60c. " "	6.00 " "
" " "	75c. " "	7.50 " "

**Note.** We have a fine selection of some of the most expensive sorts, we will sell at 25c. each; \$2.50 doz. \$15.00 per 100. Order these as mixed, we cannot tell colors.



Festiva Maxima.

## SUPERB LIST OF PAEONIES

There is contained in the above list the cream of all Paeonies. For years we have been working to get our stock complete, knowing the growing demand for this beautiful flower, also knowing that in no shrub or plant has the improvement been so universal as in the Paeonia. Planters demanded something better and were willing to pay the price, so today we offer the best collection comprising the latest introductions from Kelways, Colot and many others who are specialists, and have devoted their life to its improvement.

By carefully selecting one can secure any color tint, or shade desirable; these grouped in beds or clumps harmonize with other surroundings will produce beautiful effects. We recommend as the best, such varieties as Agnes, Mary Kelway, Berloiz, Cynthia, Dorchester, Emily Lemoine, Festiva Maxima, Golden Harvest, Grandiflora Alba, Joan D'Arc, Louis Van Houtti, Lady Beresford, Magnifica, Marie Lemoine, Purpurea Superba, The Bride; you should include at least a portion in your order.

### Superb List of Paeonies.

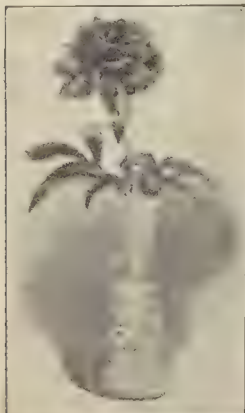
\$3.75 value for only \$2.75.

- 1 Agida, dark red.
- 1 Baron Rothschild's Rose.
- 1 Duke of Wellington, white.
- 1 Festiva Maxima, white.
- 1 Humel, white.
- 1 Lady Bromwell, silvery rose.
- 1 Rubra Superba, dark crimson.
- 1 Magnifica, soft rose

### Grand Collection of Paeonies.

\$4.25 value for only \$3.25.

- 1 Berloiz, currant red.
- 1 Emily Lemoine, rich red.
- 1 Golden Harvest, yellow
- 1 Mt. Blanc, white.
- 1 Rubra Triumphants, Crimson.
- 1 Louis Van Houtti, violet red
- 1 Modele D'Perfection, pink.
- 1 Dorchester, salmon



Richardson's Superba.



Golden Harvest



Hardy Phlox.

**CHRYSANTHA ALBA.** Pure white blossoms. 10c. each; \$1.00 doz.  
**HYBRIDA GRANDIFLORA.** Soft rosy pink, largest and best of all. 10c. each; \$1.00 doz.  
**ALYSSUM, Rosteatum.** Flowers in closer corymbose heads, deep yellow. 15c. each; \$1.50 doz.  
**GOLDEN STAR.** Clear golden yellow, fragrant and very showy; height one foot; May. 15c. each; \$1.50 doz.  
**BAPTISIA, Australis.** Blue pea-like flowers and dark green foliage. two feet high. 15c. each; \$1.50 doz.  
**BOCCONIA, Cordata.** Buff colored flowers in long spikes; 6 to 8 feet high. 10c. each; \$1.00 doz.  
**CALTHA, Palustris.** Rich golden yellow bloom, early in spring, 6 to 8 feet high; June. 10c. each; \$1.00 doz.  
**CASSIA, Marylandica.** Clusters of bright yellow flowers, 3 to 4 feet high; August. 15c. each; \$1.50 doz.  
**CAMPANULA, Pyramidalis.** Handsome blue flowers, 4 to 5 feet high; July. 15c. each; \$1.50 doz.  
**CAMPANULA, Persicifolia Alba.** Single white flowers. 2 to 3 feet; June. 15c. each; \$1.50 doz.  
**CAMPANULA, Glomerata.** Blush violet or white, 1 to 2 feet; May to September. 15c. each; \$1.50 doz.  
**CAMPANULA, Carpatia Alba.** Pure white throughout, the summer. 15c. each; \$1.50 doz.  
**CHRYSANthemum, Maximum.** Flowers like the common white daisy, but twice as large. 15c. each; \$1.50 doz.  
**SHASTA DAISY.** Is a perfectly hardy perennial of the easiest cultivation, possessing so many valuable features as to entitle it to a place in every garden. The flowers are extremely large, about 6 inches in circumference. 15c. each; \$1.50 doz.  
**COREOPSIS, GIANT GOLDEN.** A graceful plant commencing to bloom in June and continuing a mass of golden loveliness until the severe frosts of autumn, therefore very desirable for beds. A most satisfactory plant in every respect. 15c. each; \$1.50 doz.  
**DIGITALIS, (Foxglove).** A handsome and highly ornamental, hardy plant, of stately growth. Purplish blooms produced in long terminal racemes. 15c. each; \$1.50 doz.  
**DIANTHUS (Hardy Pinks) Deltoides Alba.** A charming low-growing or creeping variety, with medium-sized white flowers, especially suited for the rock garden. 15c. each; \$1.50 doz.  
**DIANTHUS, Plumarius.** (Hardy Pink.) The old-fashioned Grass Pink; perfectly hardy. Its use either as a cemetery or garden flower is always satisfactory. 10c. each; \$1.00 doz.  
**DIELYTRA (Bleeding Heart.)** One of the best old-fashioned garden plants. Hardy in every sense; May and June. 15c. each; \$1.50 doz.  
**DELPHINIUM (Larkspur) formosum.** Flowers sky-blue, shaded with indigo; spur violet. Blooms in summer. 18 to 20 inches. 15c. each; \$1.50 doz.  
**DELPHINIUM, Grandiflorum.** (Siberian Larkspur.) One of the lower-growing kinds, having variously tinted flowers, from deep blue to white. One of the best. July and August. 20c. each; \$2.00 doz.  
**EULALIA GRACILLIMA UNIVITTATA.** Of compact habit, with very narrow foliage; of bright green color, with a silvery midrib. 25c. each; \$2.50 doz.  
**ERIANthus RAVENNAE.** Grows from to 9 12 feet high, frequently throwing up from 30 to 50 flower spikes. It closely resembles the Pampas grass. 25c. each; \$2.50 doz.

**SPECIAL NOTE.** Prices on perennials are the same, by mail, postpaid, as by express or freight purchaser's expense; when by express or freight larger plants will be sent. Special rates on larger quantities. We are growers and our stock will give entire satisfaction.

## HARDY PERENNIALS.

No class of plants will yield better or more pleasing results for the money invested than these Hardy Perennials. They require very little care or attention, are perfectly hardy, and yield a rich harvest of bloom.

**ACHILLEA, THE PEARL.** Flowers are large, double, pure white and borne in the greatest profusion, from 18 inches to two feet high. 10c. each; \$1.00 doz.  
**AEGYPTICA.** Sulphury white flower, silvery gray foliage, height, 1 to 3 feet, July to September. 15c. each; \$1.50 doz.  
**FILIPENDULA.** Golden yellow flowers, dense flat corymbus—July, height, 2 feet. 15c. each; \$1.50 doz.  
**ANTHEMIS TINCTORIA.** Dense bushy habit with large golden flowers, height 15 inches; blooms all summer. 15c. each; \$1.50 doz.  
**ASTERS HARDY, Novae Angliae.** Large bluish purple with yellow center, 3 to 6 feet; September and October. 15c. each; \$1.50 doz.  
**ALPINUS.** Dwarf variety; blooms later part of May. 15c. each; \$1.50 doz.  
**SUPERBUS.** Large white with golden center; height 2 to 3 feet; August and September. 15c. each; \$1.50 doz.  
**ASPERULA, Galioides.** Fine for bouquets. 15c. each; \$1.50 doz.  
**AQUILEGIA (Columbine.) Candidissima.** Our native variety. 10c. each; \$1.00 doz.  
**CHRYSANTHA.** Beautiful golden spurred Columbine. Rich yellow blossoms. 10c. each; \$1.00 doz.  
**COERULEA.** The true blue of the Rocky Mountain, very handsome. 10c. each; \$1.00 doz.



Hollyhock.

**JAPONICA VARIEGATA.** A very graceful variety from Japan. Its long narrow leaves are striped green, white and often pink or yellow. Flower stalks from 6 to 4 feet high; very ornamental. 25c. each; \$2.50 doz.  
**ZEBRINA.** The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive plant for the lawn. 25c. each; \$2.50 doz.

**GOLDEN GLOW OR RUDBECKIA.** Without question the best hardy plant introduced in many years. It is of fine habit and vigorous growth attaining a height of from 6 to 10 feet. The flowers are produced in enormous quantities on long stems and resemble a fine double golden yellow cactus dahlia. It blossoms in late summer when most shrubs and plants are through blooming. September and October. 15c. each; \$1.50 doz.  
**GAILLARDIA GRANDIFLORA, (Blanket Flower.)** The center is dark reddish brown, while the petals are variously marked with rings of brilliant scarlet, crimson, orange and vermillion. 15c. each; \$1.50 doz.  
**HYPERICUM MOSERIANUM.** The flowers are 2 to 2½ inches in diameter, of rich golden yellow rendered effective by numerous yellow stamens and crimson anthers. 15c. each; \$1.50 doz.



Golden Glow.

**HEMEROCALLIS flava.** (Lemon Day Lily, Lemon Lily.) Has clear yellow flowers; fragrant; grows 2 feet high. Siberia and Japan. 15c. each; \$1.50 doz.  
**HIBISCUS, Crimson Eye.** The flowers are immense in size, often measuring 20 inches in circumference. Color, white, with deep velvety crimson eye. 20c. each; \$2.00 doz.  
**HELIOPSIS, Pitcheriana** is a better plant than *H. loevis*; not so tall, very floriferous and the flowers are of a deeper yellow. 15c. each; \$1.50 doz.  
**HESPERIS MATRONALIS.** A strong growing, pretty perennial, 3 to 4 feet high, with showy terminal spikes of rosy flowers in June and July. 15c. each; \$1.50 doz.  
**HOLLYHOCKS, DOUBLE.** Few hardy plants combine as many good qualities as these. They require a rich, deep, well-drained soil and will repay in bloom any extra care bestowed upon them. We have them in four shades of color, all double blossoms. Pink, red, white, yellow, flesh, purple, crimson and rose. 15c. each. \$1.50 doz.  
**IRIS GERMANICA.** A very beautiful spring flowering plant producing large lily blossoms of the most exquisite colors. It delights in low, wet ground, but does well in any good garden soil. 15c. each; \$1.50 doz.  
**JAPANESE IRIS, (Iris Kaempferi.)** These magnificent Iris are among the most beautiful of our summer flowering plants, and are becoming more popular every season. They commence blooming about the middle of June and continue for five or six weeks. 25c. each; \$2.50 doz.  
**LYCHNIS, (Haageana Hybrida.)** Brilliant orange scarlet flowers in May and June, grows 12 to 18 inches high. 15c. each; \$1.50 doz.  
**LINUM PERENNE.** A very desirable plant either for border or rockery, with light, graceful foliage and large blue flowers from June until September. 15c. each; \$1.50 doz.  
**LILY OF THE VALLEY.** One of the most charming of the spring flowers and too well-known to require description; the stock we offer is strong imported clumps, especially suited for outdoor planting, which should be done before the middle of April. 15c. each; \$1.50 doz.

## PERENNIALS--Continued.

**HELICA ALTISSIMA**, (Japanese Plume.) This is a remarkably fine ornamental grass, imported from Japan a few years since and grown by us for three years past. It forms medium sized plants of loose, rounded form, and throws up spikes of handsome fluffy seed heads, which dry up and remain on the stem a long time. 15c. each; \$1.50 doz.

**MONARDA DIDYMA**, (Oswego Tea.) A showy plant, growing from 2 to 3 feet high, with aromatic foliage, producing bright scarlet flowers in spikes during July and August. 15c. each; \$1.50 doz.

**POPPY, ORIENTAL.** Nothing can equal these in gorgeous effect, and, whether planted singly or in masses, their large flowers, rich, brilliant colors and freedom of bloom render them conspicuous in any position. We offer them in mixed colors. 15c. each; \$1.50 doz.

**POPPY, ICELAND.** These range in colors from the purest white and yellow to the deepest orange-scarlet. 15c. each; \$1.50 doz.

**Platycodon.** (Balloon Flower or Japanese Bell Flower.) Forms neat branched bushes of upright habit, blooming from June until October with beautiful blue bell-shaped flowers. 15c. each. \$1.50 doz.

**Phlox.** (Hardy Perennial Varieties.) See page 91 for illustration. Among the hardy, perennial plants



Yucca.

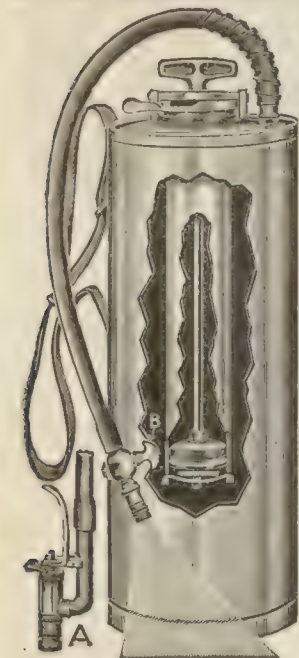
the Phloxes easily hold first place. They succeed in almost any position and flower from early summer until late fall.  
**CARAN DOCHE.** Rosy carmine. 20c. each; \$2.00 doz.  
**J. H. SLOCUM.** Bright pink, deep red center. 20c. ea.; \$2 doz.  
**THE QUEEN.** Snow white, blossoming from the middle of July to the end of August. 20c. each; \$2.00 doz.  
**RICHARD WALLACE.** Pure white, with bright violet and purple eye. 20c. each; \$2.00 doz.  
**MINNESOTA BEAUTY.** Lilac with white center 20c. ea.; \$2 doz.  
**M. P. SANGER.** Rich crimson. 20c. each; \$2.00 doz.

**Sweet William.** The Sweet William is one of the finest flowering plants among the hardy, perennials. The flowers have a wide range of bright colors. Double crimson, 15c. each; \$1.50 doz.; Double White Margined, 15c. each; \$1.50 doz.

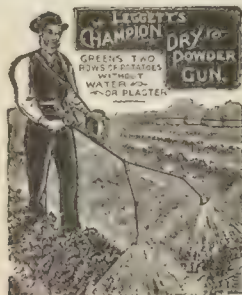
**Tritoma Pfitzerii.** The freest-flowering variety in cultivation, with spikes from 3 to 4 feet high and heads of bloom over 12 inches long, of a rich orange-scarlet, shading to salmony-rose at edges, producing a grand effect either planted singly in the border or in masses. 20c. each; \$2.00 doz.

**Yucca.** (Adams Needle.) Among hardy, ornamental foliage and flowering plants this can be classed at the head of the list. Its broad, sword like foliage and tall branched spikes of large fragrant, drooping, cream-white flowers during June and July render it a very effective plant for all positions. 20c. each; \$2.00 doz.

## SPRAYERS AND DUSTERS FOR APPLYING INSECTICIDES WET OR DRY



Auto Spray.



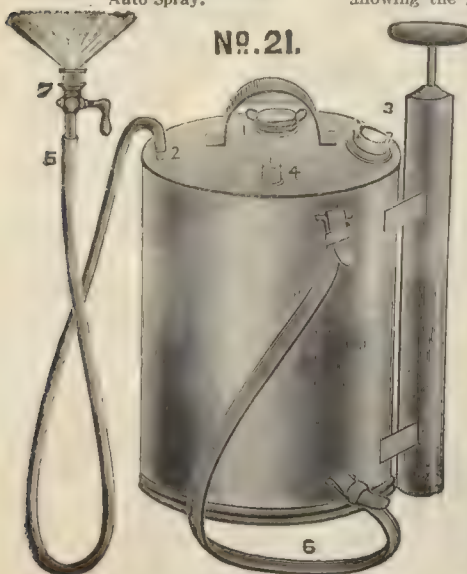
Auto Spray.

**POSITIVELY AND ABSOLUTELY GUARANTEED AGAINST ALL DEFECTS.**

Eight to ten strokes of the air plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. The "Auto Spray" has been improved by the addition of the "Auto Pop" shown in illustration. Briefly described the "Auto Pop" is an automatic valve which is closed by the air pressure use to operate the "Auto Spray". In operation a lever is moved by simply closing the hand, thus opening the valve and allowing the instantaneous discharge of spray. By releasing the lever it closes itself automatically, hence the spray is in perfect control. Price, galvanized reservoir, \$4.50; with Auto Pop, \$5.50; solid copper reservoir, \$6.00; with Auto Pop \$7.00  
Extension rods, 2 foot lengths.. .75

## Compressed Air Sprayer No. 21.

is made of galvanized iron and holds nearly 4 gallons of liquid. It is provided with a safety valve. It has two nozzles, one for spraying tall trees, and the other for shrubbery. It will spray ten acres of potatoes in a few hours, as it covers two or three rows at a time. Price, \$4.50.



Compressed Air Sprayer No. 21.



## Lightning House Sprayer No. 15.

Holds two quarts of liquid, is operated by simply squeezing the bulb, when a fine, misty spray is thrown in any desired direction. The operator can spray up or down, as well as on the side of the plants. The can is made of heavy Japanned tin, the valves in the rubber bulb are made of lead and will not corrode or rust, nozzles made of brass. Price, \$1.00, each by express.

## Compressed Air Sprayer No. 30.

Holds two gallons with air chamber and reservoir made horizontal. It is also provided with a clean-out hole, inside the valve can be reached with ease, which is very necessary as this valve must be oiled to prevent it from rusting, especially when putting away. This sprayer is provided with two nozzles, one for fine spraying and one for tree spraying. It will throw a spray 20 feet high. Price, \$1.50.

## Hartman Tree Guard.

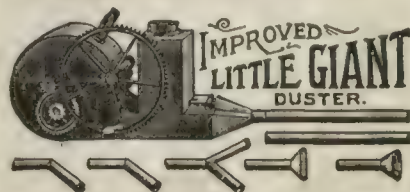
Made of heavy steel rods, galvanized. They are light and graceful in appearance making an ornament to the grounds. Will not conceal the foliage or shade the tree from the sun, will not harbor insects and will allow cultivation of the ground. Take but a moment to erect and are easily moved from place to place. Height, 5 feet, 6 inches Price, \$1.25 each; \$12.50 per doz.



Hartman Tree Guard.

## Champion Dry Powder Gun.

This useful machine applies the pure Paris Green in dust form direct to the potato vines, killing the bugs quicker and more effectually than in any other manner. The long tubes carry the dust away from the operator so far that there is no danger of poisoning. Two rows can be powdered at a time. It is very strongly built, is light, weighing but 6 lbs. (13 lbs. when boxed). The tubes are adjusted to any width of row and are in sections so that any length can be used. Four styles of nozzles with each machine. Price, \$7.50.



## Little Giant Duster.

The best dry powder gun, will distribute any dry insecticide. Will do as much work in a day as a horse power sprayer. Dusts two rows at once. Price, \$5.00.

## Hawkeye Tree Protector.

A sure protection against sun-scald, rabbits, mice and other vermin. Made of the very best quality Rock Elm Veneer, 12 inches long, 20 inches wide. Per 100 \$1.00; 50 at 100 rates.

# 1906 CYPHERS STANDARD INCUBATORS.

**Free** On Board Cars,  
St. Paul, Minn.

**FIRST.** To require no supplied moisture, thus disposing of the moisture question.  
**SECOND.** To be self ventilating, the air in the egg chamber remaining sweet and pure.  
**THIRD.** To be self-regulating, being equipped with the most accurate and durable regulator thus far invented.  
**FOURTH.** To operate with less oil and less expense than any other make incubator and to be as free from offensive odors as any ordinary house lamp.  
**FIFTH.** To be in all respects the simplest and easiest to operate and control, requiring less labor and less attention than any other style or make of incubator.  
**SIXTH.** To produce larger, stronger and healthier chicks or ducklings than any other style or make of incubator.  
**SEVENTH.** That where it is run in competition with any incubator of a different make, it shall, in three or more hatchings, bring out a larger average percentage of the fertile eggs in good, healthy chicks or ducklings than does its competitors.

## POULTRY SUPPLIES

We carry a full and complete line of poultry supplies of every description and will mail our supply catalogue on request.

## CHICK FOOD:

**A Complete, Scientifically-Compounded Food for young Chicks.**

This contains all that is necessary for chickens until they are four or five months old, except water to drink, and clean, fresh grass or green feed. With proper care and attention to their surroundings this Food will raise every chick. Never feed more than they will eat up clean and make them hunt or scratch for most of it. 50 lbs., \$1.50; 100 lbs., \$2.50.

**CUT CLOVERS.** Among green foods the clovers stand at the top. Can be fed with the mash or dry. Directions for feeding in each bag. 50 lbs., \$1.00; 100 lbs., \$1.75.  
**BEEF SCRAP.** Makes chicks strong and healthy. 50 lbs., \$1.50; 100 lbs., \$2.50.  
**FORCING FOOD.** For forcing broilers and roasters. 50 lbs., \$1.15; 100 lbs., \$2.00.  
**GROUND BONE.** The chicks' friend. 10 lbs., 35c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.25.

**LAYING FOOD.** A balanced ration for the daily mash. 50 lbs., \$1.15; 100 lbs., \$2.00.  
**NODI CHARCOAL.** Prepared especially for poultry. An aid to indigestion. 2 lb. carton, 10c., by express.

**CRUSHED SHELLS.** Put up right size for hens. 25 lbs., 35c.; 50 lbs., 50c.; 100 lbs., 75c.

**COMPLETE GRIT.** In order to make the business pay, a first-class grit must be used. We supply three sizes, containing all the essentials for a perfect grit. No. 1. For Brooder chicks. No. 3. For hens. No. 2. For half grown chicks, turkeys, ducks, geese, etc. 25 lbs., 35c.; 50 lbs., 50c.; 100 lbs., 75c.

**ROUP CURE.** Positively guaranteed by the manufacturers to cure roup in all its forms. Small Pkg., makes 25 gallons of medicine; 50c. postpaid; large package makes 75 gallons of medicine, \$1.00 postpaid.  
**DRINKING FOUNTAINS.** Made of heavy galvanized iron, and are in every way first class.

**PRICES QUOTED, EXPRESS, YOUR EXPENSE.** 1 quart (for chicks) 18c. each; 2 quarts for (growing chicks) 25c. each; 3 quarts (large for fowls) 35c. each.  
**LICE POWDER.** 5-oz. Pkg., 10c. postpaid, 15c.; 15-oz. box, 25c.; postpaid, 40c.; 48-oz. box 50. 100 oz. pkg., \$1.00, by express.  
**LICE PAINT.** 1-Qt. can 35c.; 2-Qt. can, 60c.; 1 Gal. can \$1.00; by express only, cannot be mailed.

**NAPCREOL.** A perfect disinfectant and disease preventative. Guaranteed to do the work. 1/2-Gal. can, 85c.; 1-Gal. can, \$1.50 by express.

## THE CELEBRATED

**W. T. T. DIAPHRAGM, NON-MOISTURE, STANDARD CYPHER INCUBATORS, FOR WHICH WE ARE AUTHORIZED AGENTS, ARE GUARANTEED BY THE MANUFACTURERS AS FOLLOWS:**



The 1906 Pattern Standard Cyphers.

## PRICES FOR 1906.

No. 0.	66 Hen Eggs or 54 Duck Eggs	\$13.00
No. 1.	140 Hen Eggs or 110 Duck Eggs	19.00
No. 2.	240 Hen Eggs or 200 Duck Eggs	27.00
No. 3.	390 Hen Eggs or 300 Duck Eggs	34.00

## FARM-ECONOMY INCUBATOR.

**A SPECIAL SIZE, LOW-PRICE PRACTICAL HATCHER, BELIEVED TO BE THE BEST INCUBATOR MANUFACTURED**

The Farm-Economy Incubator, made in one size only, is a practical hatcher designed and manufactured especially for farm use, where purchasers do not feel able to invest in a higher-priced Standard Cyphers Incubator. This machine is double-walled and carefully packed, which places it, in this respect, on a par with some double-walled incubators that sell at much higher prices.

The Farm-Economy has a chick nursery below the egg tray, where ample room is provided for the newly hatched chicks. The Farm-Economy is equipped with the best style and quality of disc regulator designed to date.

We guarantee the Farm-Economy to be self-regulating, self-ventilating and to require no supplied moisture. Each Farm-Economy Incubator we send out is equipped with a seamless-bottom lamp, a Standard Cyphers trade-marked thermometer, an X-ray tester, and a circular of directions for setting up and operating the machine.

**PRICE OF FARM ECONOMY INCUBATOR ..... \$10.00**

## BOYS' CHOICE INCUBATOR:

**A 50-egg Capacity Low-price Incubator, Designed Specially for the use of boys. Interesting, Instructive and Profitable. Price, \$6.50.**



Style "A" Brooder.

**EIGHTH.** That each and every Standard Cyphers Incubator, sold under registered trade-mark, will do satisfactory work in the hands of the purchaser, who will give it a fair trial, or it can be returned to us within 90 days, less reasonable wear, and the purchase price will be refunded.

We, as agents for the Standard, Patented, Cyphers Incubators and Brooders are authorized by the manufacturers to stand back of the foregoing guarantee in every particular and, hereby agree to do so. Under this arrangement all who purchase from us are insured ample protection. By special arrangement with the manufacturers, we are now in position to sell Cyphers Incubators F. O. B. cars St. Paul, Minn., at exactly factory prices. If further interested in Incubators or other Cyphers manufactures, send 10 cents to pay cost of mailing 212 page mammoth Incubator and Brooder Catalogue. Descriptive circular and price list, free.

## CYPHERS UNEQUALLED OUTDOOR BROODER:

**FREE ON BOARD CARS, ST. PAUL, MINN.** Cyphers Brooders, like Cyphers Incubators, are fire proof, wind-proof and storm proof, and guaranteed to be the best brooder on the market regardless of price.

## Style A OUTDOOR BROODER:

Next to its Incubators the Cyphers Incubator Company especially prides itself on its Style "A" Three Apartment Outdoor Brooder, which is pronounced by the thousands of users to be the best brooding device invented thus far for indoor and outdoor use. The Style "A" Brooder is 36 x 60 inches in size; has three apartments; one, under the hover, averaging 90 degrees in temperature; one, outside the hover, averaging 80 to 85 degrees, and a separate apartment for a run-way which averages 70 degrees. This brooder is roofed with tin; is heated by a Cyphers Safety Brooder Stove, and with reasonable care will last many years. Like the Cyphers Incubators we are able to offer the Cyphers Brooders at factory prices, F. O. B. St. Paul, Minn.

**Style "A" Outdoor Brooder ..... \$12.00**  
**Style "B" Indoor Brooder ..... 10.00**

## STORM-KING OUTDOOR BROODER:

This is a combined brooder and colony coop, manufactured in two sizes. Aside from size, these brooders are exactly the same construction. They are built of first-class 3/4-inch pine lumber, well matched and machined, dressed on both sides, and are free from all loose knots, thoroughly kiln-dried. The construction of the brooders permits the heating device to be taken out, giving the chicks the entire floor space and making a full capacity cool brooder. When it is time to wean the chicks from the cool brooder and provide them with roosting quarters, the entire floor space of this brooder, together with the lamp slide and other working parts, may be removed and roosts placed on the floor cleats inside the brooder, thus making a well-lighted, well-ventilated colony roosting coop.

**No. 1, 24 x 39 inches ..... \$6.00**  
**No. 2, 28 x 45 inches ..... \$8.00**

## CYPHERS POULTRY REMEDIES:

Standard remedies put up in vials of 100 tablets. Full directions on each vial. Price of single vial, each postpaid, 40c.; 10 vials assorted, in cloth covered case, postpaid, \$3.00. Order by number.

- No. 1. Useful in all catarrhal colds of poultry having rattling of the throat.
- No. 2. For sudden colds with snuffels and sneezing. Prevents and cures roup.
- No. 3. For chicken pox. Cures colds.
- No. 4. For cholera and all diarrheas of poultry. A reliable cure.
- No. 5. Cures diphtheritic roup, in all forms.
- No. 6. For all forms of indigestion and liver.
- No. 7. To promote healthy action of the egg organs and start hens to laying.
- No. 8. For rheumatism and cramps.
- No. 10. Prevents soft shelled and blood streaked eggs and insures fertility.

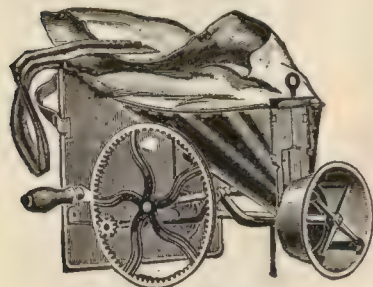
## MAY'S EUREKA SEEDER



flax 36 feet; wheat 50 feet; oats, 36 feet; barley, 40 feet; rye, 50 feet, etc. **\$1.25**

## IMPROVED CAHOON SEEDER.

The old standard make for sowing wheat, oats, hemp, barley, rye, buckwheat, grass seeds, etc. The grain is held tight in a sheet-iron hopper, surrounded by a bag, which will hold a bushel of seed. This is suspended by a strap from the operator's neck, and held in position by a strap around the waist. The seed is thrown from 8 to 20 feet on each side of the operator, the heaviest seed being, of course, thrown the greater distance. A man will easily sow from 4 to 6 acres per hour with this machine, which weighs 5½ pounds. **\$3.00**



Improved Cahoon Seeder

## THE CYCLONE SEEDER

A First-Class Perfect Seed Sower for \$1.25.

This seeder sows any seed perfectly as well as the Eureka. It is well and strongly made. In using this machine there is no chance for skipping, even if you do not walk exactly straight or take long steps, as some of the seed is continually being thrown 8 to 10 feet ahead of the operator, and sufficient lap is made on account of not seeding so heavy at edges, that a slight crook will not be noticed. Can be regulated instantly to sow any seed. **1.75**

## White Plymouth Rocks

In addition to other fancy stock which we are breeding at our farms, we have the purest strain of these Beautiful Chickens that can be produced. They are most beautiful fowls, with pure white plumage. They are very prolific layers and make excellent mothers, are not prone to wander like some kinds, while their meat is always fine grained, sweet and delicious. Owing to their larger size and being the most profitable kind a farmer can raise. Eggs can only be sent by express at purchasers' expense. We will ship only fresh laid eggs of the genuine stock, packed in the most approved manner. **\$1.50 for 13; \$2.75 for 30; \$6.00 for 100.**



their great laying qualities, they are the most profitable kind a farmer can raise. Eggs can only be sent by express at purchasers' expense. We will ship only fresh laid eggs of the genuine stock, packed in the most approved manner. **\$1.50 for 13; \$2.75 for 30; \$6.00 for 100.**

## THOROUGHbred BERKSHIRE PIGS.

We have as pure a type of pigs from pedigree stock as can be found in the Northwest. Our pens are headed by the celebrated boar "Nina's Baron" 79976, sired by "Baron Lee of Riverside" 70400. Dam "Royal Nina II" 43403, recorded in volume 23 of the American Berkshire Record.

We have never gone to the trouble and expense of registering the young pigs though they are as pure a type as can be found in the Northwest and for all practical purposes just as good as registered stock and are offered at one-fourth the price. They are unusually hardy, of high vital powers, easily fattened, prolific breeders and less liable to disease than other breeds. Their flesh is of the highest quality. The prettiest and most profitable kind known.

**Crating**—We box these in strong, light, comfortable crates, put feed and water in box and deliver free on board cars. Customers must pay transportation charges. All orders will be filled in rotation as received.

We offer young pigs for shipment from May 15th to July 1st, at \$15.00 each. Pair, boar and sow, not akin, \$25.00. Three, 1 boar and 2 sows not akin, \$35.00. Prices for shipment at any other time during the year quoted on application. We have good stock at all times but later in the season pigs will be heavier and larger and naturally worth more.

## The Acme Tubular Potato Planter

**\$1.00** This is undoubtedly the most improved, strongest and yet the most simple planter on the market at the present time. It plants uniformly in all kinds of soil. It is far ahead of the common acme, and experience proves to us that it is worth twice as much to any farmer. It does its work quickly and equally as well as many of the potato planters sold at ten times its price.

## Triumph Corn Planter with Pumpkin Seed Attachment.

This is made by the same firm which turns out the well known "Triumph" but has the additional feature which turns out the same firm particularly valuable for the farmers. Since the introduction of this implement, the sales have been something enormous and the demand increases each season. It is a planter which cannot be too highly recommended and must not be compared with some of the cheaper sorts on the market at the present time offered at prices about the same as the Triumph Corn Planter, without Pumpkin Seed attachment. **90c.**

## The "B." Weed Extractor

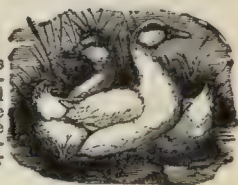
Easily operated. Just the thing for pulling dandelion, dock, plantain, thistles and other noxious weeds on the lawn. Light, durable and simple. **60c each.**

## Waters' Tree Pruner.

One of the best made. Cuts limbs up to ¾ inch in diameter. With 8 foot handle, **90c.** With 10 foot handle, **\$1.00.**

## White Pekin Ducks.

Unquestionably the best laying ducks known. They are of large size, not inclined to wander, and when fully matured weigh from 6 to 8 pounds each. The feathers are nearly as valuable as geese feathers. Eggs can only be sent by express at purchasers' expense. **\$1.50 for 13; \$2.75 for 25.**



## White Holland Turkeys

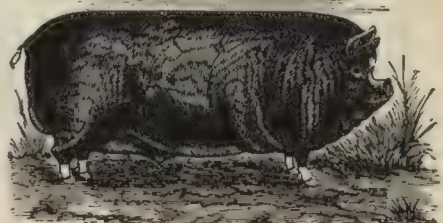
These are beautiful fowls with pure white plumage. The flesh is fine grained, very tender and sweet. They are more domesticated than other kinds and are not inclined to stray away from home. The average weight of cocks is 26 lbs., of hens 16 lbs. The prettiest and most profitable kind for a farmer to raise. We offer fresh laid eggs, **6 for \$1.50; 13 for \$2.50; 25 for \$4.50.**

**Choice Fowls,** These are fine fowls one year old and are beautiful, strong and healthy. There are no finer birds in the land.

**GOBBLERS, \$7.00 each.**

**Pair, Gobbler and Hen, \$12.00.**

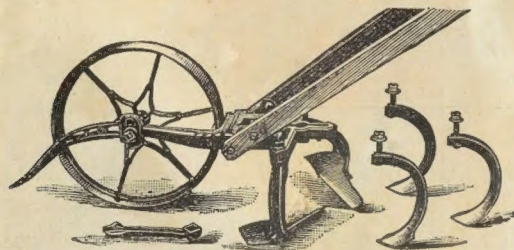
**TRIO, Gobbler and 2 Hens, \$16.00**



## PLANET JR. GARDEN TOOLS.

**"PLANET JR." No. 17½.**

Single Wheel Hoe and Cultivator. Price \$4.50



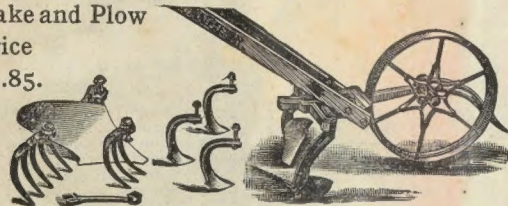
**"PLANET JR." No. 16.**

Single Wheel Hoe, Cultivator,

Rake and Plow

Price

\$5.85.



**"PLANET JR." No. 17.**

Single Wheel Hoe.

Price \$5.00

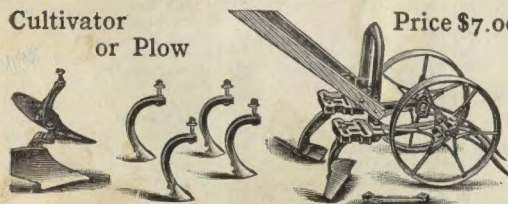


**"PLANET JR." No. 12.**

Double Wheel Hoe

Cultivator  
or Plow

Price \$7.00



**HAZELTINE WEEDER.**

30 Cents Postpaid.

**LANG'S  
HAND  
WEEDER**

HANDIEST  
TOOL

ON EARTH.

30¢  
BY MAIL  
PREPAID



Space will not permit our showing all of the "Planet Jr. Tools," but we will send a fully illustrated Catalogue free to intending purchasers "Planet Jr." goods are standard machines—the best made.

**No. 1. Combined Drill and Wheel Hoe Cultivator, Rake and Plow.**—When used as a drill the seed is sown with great regularity, and at a uniform depth, regulated at pleasure. The hopper holds one quart. From a drill it is changed by unscrewing but 2 bolts, when any attachments shown in the cut can be quickly made ready for use. Price..... \$9.50

**No. 3** Puts the seed right on the spot where the hill is wanted. Plant 4, 6, 8, or 24 inches apart, or in continuous row, as desired. Holds 3 quarts. Price \$10.50

**No. 4. Combined Drill Seeder, Single Wheel Hoe Cultivator and Plow.**—This admirable tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator and a plow. It holds two quarts, sows in continuous rows, or drops in hills five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden-plow or cultivator. It is useful almost every day of the season, at every stage of garden work. Price complete, \$10.50. Price as a drill only \$8.50

**No. 25 Combined Hill and Double Wheel Hoe.** This new combined machine is intended for a class of gardeners who have a large enough acreage in crop for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy separate Wheel Hoe. It is large enough for field use, for it holds 2½ quarts (or about 5 lbs. of onion seed) and has 11¼ inch wheels—which are just the right size. As a Drill it is almost identical with the "Planet Jr." No. 4 Drill; will sow in drills or hills, 4, 6, 8, 12 or 24 inches apart and has the same automatic device for throwing out of gear, and the new combined cut-off and seed index with thumb screw adjustment. It is thoroughly substantial and accurate in sowing all kinds of garden seeds in either hills or drills.

As a Wheel Hoe it is identical with the "Planet Jr." No. 12, Double Wheel Hoe, the very best machine on the market. Price..... \$13.50

**No. 11. Double Wheel Hoe** with hoes, cultivator teeth, plows, rakes and leaf lifters, as shown in cut. Price..... \$9.00

**No. 12.** With plows, hoes, wide and narrow cultivator teeth and leaf lifters. Price..... \$7.00

**No. 13.** Double wheel hoe. With 6-inch hoes only. Price..... \$4.75

**No. 16.** With plow, two hoes, three cultivator teeth, two rakes and weed lifter, as shown in cut. Price..... \$5.85

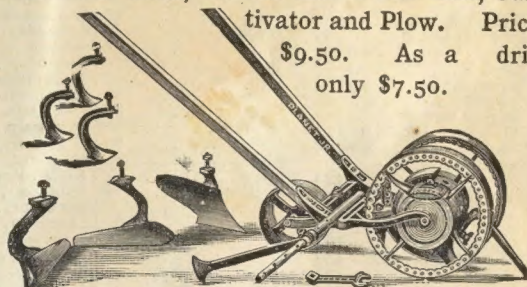
**No. 17.** Single wheel hoe, with hoes, cultivator teeth and a large garden Plow. Price..... \$5.00

**No. 17½.** Single wheel hoe and cultivator, with two hoes and three cultivator teeth. Price..... \$4.50

**No. 19.** Single wheel hoe and plow, with attachment as shown in cut. Price..... \$3.75

**"PLANET JR." No. 1**

Combined Drill, Seeder and Wheel Hoe, Cultivator and Plow. Price \$9.50. As a drill only \$7.50.



**"PLANET JR." No. 4.**

Combined Hill and Drill Seeder, Wheel, Hoe, Cultivator Rake and Plow.

Price complete \$10.50.  
As a Drill only \$8.50



**"PLANET JR." No. 25.**

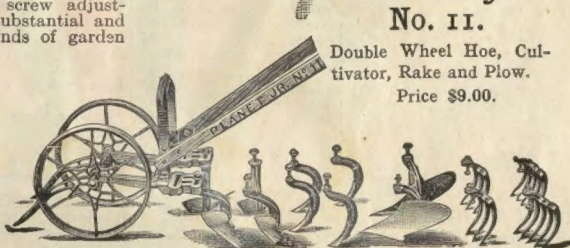
Combined Hill and Drill Seeder and Double Wheel Hoe.

Price \$13.50.



**"PLANET JR." No. 11.**

Double Wheel Hoe, Cultivator, Rake and Plow. Price \$9.00.



**"PLANET JR." No. 19.**

Farmers Single Wheel Hoe and Plow Price \$3.75.



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# NORTHERN GROWN



## Surecrop Corn



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(See description.)

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**DESCRIPTION.** This marvelous variety we obtained direct from Glasgow four years ago. It has been grown in the Highlands of Scotland for many years, where yields of 150 bushels per acre are not uncommon. In all our tests of many varieties (over 50) this sort has proven superior to others in both quality and yield. The straw is exceedingly strong and well enabling it to hold up its enormous heads of grain without breaking or lodging in the least, and is rust-proof. The grain is of the largest size, full and plump, pure white and very heavy. On account of its fine appearance it commands the very best price on the market. It withstands drought remarkably well, and is well fitted for all soils, and, in addition, there's only one way to make your farm pay, which many of the wide-awake farmers have discovered. It is this, keep up with the times, that is, set the best there is. Farmers should change their seed as often as once in three years, in order to obtain best results. Here is an opportunity to obtain the heaviest yielding, harvest, best oat ever offered. Average yields of 100 bushels per acre under ordinary circumstances are common. Measured bushels of these oats invariably weigh 40 to 42 pounds. Pound, 20c., postpaid; peck, 35c.; bushel, \$1.00; bag (2½ bushels), \$2.25; 10 bushels, \$9.00.

## SURECROP CORN.

This is the largest yielding, extra early, yellow variety in our entire list. It matures its crop in 80 days, which is of special interest to the farmers of the Northwest. The ears (borne two to a stalk) are large, long, 12 to 16 rowed. The kernels are extra long, the cob small. The quality of flour ground from this variety is very choice. We recommend it for general planting, as its earliness, productiveness (150 bushels to the acre), and quality are the three great essentials to all growers. Pound, 20c., postpaid; peck, 40c.; bushel, \$1.50; bag (2½ bushels), \$3.50.

## MAY'S EARLY WONDER WHEAT.

1—It's the heaviest yielding wheat in the world. 2—It is perfectly hardy and can be grown in any section. 3—It's early, and this alone is a valuable point. 4—It makes the choicest flour and is the best milling wheat we know of. 5—It will increase your crops and bring you more money per acre than any other wheat. **DESCRIPTION.** This, together with oats and corn, is the greatest of all the farmer's crops, and no bright, intelligent man who wants to make his farm pay looks at the few extra cents that he has to pay for carefully improved seed stock of any kind. Our Early Wonder Wheat is the result of years of testing and experimenting with all the different varieties which have been offered the past few years, and out of the entire lot this wheat was selected, and has been improved each season until we now offer it with the feeling that we have secured wheat which will in time take the place of all other varieties. It has proven to be the most prolific, heaviest stooling and finest milling wheat ever offered, and this is enough to recommend it to any farmer who is a wheat grower. Its being grown for years in the extreme North assures all of its hardness. This, with its heavy yields and its earliness, will make it the most desirable variety for all sections of America. If you want to get a heavy yield and make money this season, you can do it by sowing the EARLY WONDER WHEAT, SCOTTISH CHIEF OATS, and SURECROP CORN, the three heavy cropping farm favorites.

Prices: Packet (2 oz.), 10c.; pound, 25c., postpaid; peck, 50c.; bushel, \$1.75.

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1 bushel " " " " " " " "	\$3.75, " " " "

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